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**U.S. Department of the Interior**  
Bureau of Land Management

BAKER RESOURCE AREA  
1550 Dewey, P.O. Box 987  
Baker City, Oregon 97814

**April, 1994**

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## **Vale District Planning Update**

### **Baker Resource Area**



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.

**BLM/OR/WA/PL-94/14+1792**



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1550 Dewey  
Baker City, Oregon 97814



April, 1994

# Planning Update



## Introduction

This report is a summary of the progress implementing the Baker Resource Management Plan (RMP) and Record of Decision issued in July 1989. This document presents the accomplishments from July 1989 through September 1993 and those actions anticipated to be completed during the 1994 fiscal year (October 1993 through September 1994). This summary is a brief status report. It is important to refer to the

RMP while reviewing this update. Additional copies of the RMP are available at the Baker Resource Area office.

In an effort to better inform you, the Vale District and three other eastern Oregon BLM districts is launching a program of enhanced public notification and involvement with this mailer.

## What You Can Find In This Document

*Mailers like this one are developed annually. The format is flexible; however, you can expect to find major sections similar to those described below in each edition. Other sections will be incorporated as necessary.*

**VALE DISTRICT MAILING LIST:** Considering the complexity of issues being addressed by the Vale District and the need to involve the public in the decision-making process, an accurate mailing list is essential. The purpose of this section is to allow you to identify those issues/topics of interest in which you are interested.

Several programs are highlighted in special feature stories. These include articles on the National Historic Oregon Trail Interpretive Center, anadromous fish habitat, forest health, ecosystem based management, and noxious weeds.

**PROGRAM EMPHASIS BY RESOURCE:** This section identifies accomplishments from July 1989 through September 1993. Also, it identifies emphasis areas by each major resource program for fiscal year 1994.

**ACCOMPLISHMENTS BY GEOGRAPHIC UNIT:** This section summarizes the information shown in the PROGRAM EMPHASIS BY RESOURCE section; however, it is portrayed by geographic unit as described in the RMP. Some accomplishments within the geographic units narrative may be in more than one unit and, therefore, may be listed more than once; e.g., one big game outfitter guide permit includes portions of five geographic units and is reported in each narrative.

The tables following accomplishments by geographic unit specifically list accomplishments by grazing allotment (Table 1-10). Table 11 identifies the Keating Riparian RNA/ACEC withdrawal. Table 12 lists the legal description of land acquired in the Grande Ronde ACEC.

**ENVIRONMENTAL ASSESSMENT (EA) REGISTER:** The purpose of this section is to improve public participation in the process used to analyze impacts of potential actions. Table 13 lists EA's, which analyze on-the-ground actions, to be completed in fiscal year 1994 or in future years.

Appendix 1 lists status of threatened or endangered plants in the Baker Resource Area.

*In summary, we hope this mailer will bring you up-to-date concerning the Baker Resource Area's implementation of its land use plan. We want to make future mailers even better and would appreciate any comments you may have regarding format, content, etc. Such comments should be sent to the Bureau of Land Management, Baker Resource Area Manager, P. O. Box 987, Baker City, OR 97814. Thank you.*

# BAKER RESOURCE AREA MAILING LIST

Government Printing Office regulations require BLM to periodically verify the accuracy and need for mailing lists. We want to reduce mailing address errors and only keep those individuals and groups on our lists that are actively interested in the Vale District's resource programs and issues.

## Address Verification

To maintain the accuracy of the mailing list, please print your name and address including zip code in the space provided below. This information will be compared to existing information in the District's mailing list which will be corrected, if necessary.

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## Return To:

Baker Resource Area  
P.O. Box 987  
Baker City, Oregon 97814

## Resource Programs/Issues

The following categories currently exist on the District's mailing list. Please circle those resource programs or issues which you would like to receive information.

Cultural: Native American Coordination  
Cultural: Oregon Trail  
Cultural: General

Environmental Analysis: EA Register

Fire: General  
Fire: Fire Suppression

Forestry: General  
Forestry: Timber Sales  
Forestry: Forest Health

Minerals: 3802 Plan of Operation  
Minerals: 3809 Plan of Operation

Noxious Weeds: General

Planning: Resource Management Plans  
Planning: Baker Yearly RMP Updates  
Planning: Jordan Yearly MFP Updates  
Planning: Malheur Yearly MFP Updates

Procurement: Contracting  
Procurement: Small Lot Sales  
Range Management: General  
Range Management: Rangeland Reform

Recreation: General  
Recreation: Off Highway Vehicles  
Recreation: Backcountry Byways  
Recreation: Watchable Wildlife  
Special Management Areas: Research Natural Areas, Areas of Environmental Concern, Outstanding Natural Areas

Water Quality: General

Wilderness: General

Wild Horses: General

Wildlife and Fisheries Habitat: General  
Wildlife and Fisheries Habitat: Threatened and Endangered Species

Wild/Scenic River: Grande Ronde River  
Wild/Scenic River: Owyhee River  
Wild/Scenic River: Powder River  
Wild/Scenic River: Wallowa Study River  
Wild/Scenic River: N. Fork Malheur River



## *National Historic Oregon Trail Interpretive Center*

1993 celebrated the sesquicentennial - the 150th anniversary - of the Oregon Trail. It also marked the first anniversary of the opening of the National Historic Oregon Trail Interpretive Center.

This state-of-the-art Center features life-size displays of covered wagons hitched to teams of oxen or mules - complete down to the drool on the muzzle or the fly in the eye. Step into history and learn the story of the pioneers' courage, faith, and determination to reach the "promised land" of Oregon.

For almost 80 years the story of America's westward expansion was written along a 2,000 mile stretch of wilderness known as the Oregon Trail. The route of the Oregon Trail followed ancient travel routes followed by Native Americans. From 1812 to 1890, a steady flow of explorers, missionaries, soldiers, trappers, miners, farmers, and cattlemen traveled the emigrant road seeking their fortunes on the nation's western frontier.

A few miles west of the Snake River, in what is now eastern Oregon, the pioneer travelers passed by a rocky bluff - now called Flagstaff Hill - and into the Powder River Valley below. There they passed from the harsh, arid canyons of the Snake and Burnt rivers to the fertile, green valleys of Oregon.

Today the Center overlooks country appearing very much as it was in the era of overland migration. The setting evokes much the same feeling experienced by tens of thousands of nineteenth-century pioneers. Seven miles of the Oregon National Historic Trail are visible from the Interpretive Center.

The Interpretive Center complex consists of four main components:

- 1) An interpretive center portraying the dimensions of life on the Oregon Trail supported by a maintenance/curation facility;
- 2) Two "living history" displays: one creating a pioneer encampment, the second depicting a nineteenth-century mining operation;
- 3) A footpath system accessing the Oregon Trail and offering visitors a panoramic view of the Trail route;

- 4) A series of interpretive stations and a number of observation points along the footpath system to explain sights of interest.

The signing of the trail system, the outdoor amphitheater and picnic area, and the development of audiovisual programs for the Leo Adler Theater have yet to be completed.

In addition to interpreting the pre-emigrant and emigrant experience, natural history of the Pacific Northwest, Native American themes, and mining in northeastern Oregon, the Center tells the story of the BLM and its evolution from the General Land Office and Grazing Service to a multiple-resource management agency.

### *Anadromous Fish Habitat Management*

In 1992 the Snake River Chinook salmon stock and the sockeye stock were officially listed as threatened and endangered, respectively by the National Marine Fisheries Service (NMFS) under the Endangered Species Act (ESA) section 7 (a) 2. The BLM is required to comply with the ESA on all discretionary actions on BLM-administered land that could impact the above-listed species.

The BLM wrote biological evaluations assessing the impacts of livestock grazing on the listed salmonids on BLM administered-land within five hydrologic units in northeastern Oregon and southeastern Washington. In consultation



*National Historic Oregon Trail Interpretive Center*

between the agencies, NMFS agreed with BLM's assessment that the impact of livestock grazing on the BLM lands could be mitigated. The NMFS agreed BLM was totally committed to doing its part for recovery of the listed salmon species.

With the cooperation of the 43 livestock operators who were affected in the Grande Ronde basin, the BLM was successful in mitigating the impacts of livestock grazing on public land. Some mitigating measures implemented were voluntary non-use, fencing, continuous monitoring, use supervision, vegetation monitoring, and modifying management techniques as necessary.

Currently a biological evaluation is being completed on land exchange proposals within the Grande Ronde basin. Upcoming BLM actions that will be addressed with biological evaluations are forest health proposals and implementation of the Grande Ronde River Wild and Scenic River Plan. To meet commitments made during the 1991 Salmon Summit, inventories for other anadromous fish species will be conducted during 1994 and 1995.

## *Forest Health*

The BLM has been concerned about northeastern Oregon forest health issues since the western budworm epidemic began in 1981. Using an interdisciplinary team approach, in 1983 the BLM began forest management based on an ecosystem concept. The results, so far, have been natural plantations with a healthy mix of conifers, predominately ponderosa pine, and western larch.

BLM's goal for the forest health restoration program in northeastern Oregon is to restore forest ecosystems to achieve more desirable and sustainable future conditions for the benefit of all natural resources. Forest health objectives include reducing the threat of catastrophic wildfire, reducing insect populations to natural levels, minimizing the spread of disease, restoring/enhancing non-commodity forest values and restoring natural processes (including fire) in the forest ecosystem. Forest health objectives are realized through treatment projects which create employment opportunities.

The fiscal year 1993 Interior and Related Agency Appropriation Act established a revolving fund to help restore and maintain forest health. The Forest Ecosystem Health and Recovery Fund will assist in planning and preparing salvage timber for disposal, the administration of salvage timber sales, and subsequent site preparation and reforestation.

The fund can be used for prescribed burning, fencing to protect reforestation projects, planting burned or logged areas, and other practices to maintain or improve the health of forest sites. However, timber salvage sales continue to be of high

priority to recover the value of deteriorating timber. In addition, 96 percent of the sales receipts are returned to the fund for use on additional projects.

The listing as threatened of spring and fall Snake River Chinook salmon species has affected some forestry practices in the grande Ronde River basin. Two forest health restoration projects on 1,150 acres which include silvicultural recommendations in addition to timber harvest, are currently in the consultation process with the National Marine Fisheries Service.

If the BLM adopts specific measures to protect habitat for other anadromous fish species, forest treatment projects in the Umatilla and John Day River basins will be affected as well. The proposed listing of bull trout as threatened or endangered would require consultation with the U.S. Fish and Wildlife Service for forest activities in other watersheds.

## *Ecosystem Based Management*

The Bureau of Land Management is the steward for 431,000 acres of public lands in northeastern Oregon. Through ecosystem management, a process considering the total environment, the BLM manages these public lands and resources -- wilderness, recreation, fish and wildlife habitat, grazing lands, timber, minerals, oil and gas, cultural paleontological and historic properties -- to best serve the needs of the American people. By focusing on the sustaining the diversity and productivity of ecosystems, the BLM is able to provide environmental, economic, cultural, and social benefits for today's Americans and the many generations to follow.

Since ecosystems do not follow jurisdictional boundaries, the BLM depends on active partnerships. The BLM invites you to "join the community" of people all over the county working towards sustaining ecosystems for a healthy future.

An ecological approach reconnects various portions of landscapes previously managed as separate entities. Uplands connect to riparian areas, which connect to streams. Soils and ground water are not considered separately from the vegetation and streams. This connectivity includes upstream to downstream components and soil to canopy components.

Comprehensive monitoring programs are needed to understand the relationship between land use practices and the resulting health of ecosystems at various scales. The scale of many monitoring programs is broadened to detect changes in ecosystem processes and functions, as well as serving as overall indicators of biological integrity.



## Noxious Weeds

Northeastern Oregon is experiencing what can best be described as the leading edge of an invasion of noxious weeds. (Noxious weeds are defined by state law or regulation.) Throughout much of the west, especially in Montana, Idaho, Washington, and southwestern Canada, these weeds have virtually taken over millions of acres. Therefore sources for the spread of noxious weeds surround us. The four primary weeds of concern in the Baker Resource Area are: spotted and diffuse knapweed, yellow starthistle, and leafy spurge.

These weeds have become problems in many areas and the size of the infestations are increasing geometrically. As an example, in 1992, there were 7 leafy spurge sites on BLM lands in Baker County. In 1993, there were more than 60 sites. After development of its extensive root system, leafy spurge appears almost impossible to kill even with pesticides. An integrated control strategy for this weed needs to be implemented before the plant matures.

The Grande Ronde River has knapweed infestations along nearly its entire length. Many camping areas have become unusable. Both leafy spurge and yellow starthistle also are found in numerous places.

BLM and state of Oregon personnel are developing an inventory of noxious weeds. An integrated control strategy is being developed. These efforts can include insect release,

hand chopping and pulling, and livestock grazing targeted so that flowers and seed heads are grazed (and therefore removed) before the seeds are released. In some cases, pesticides are used. Pesticide use on BLM land is initiated through a Pesticide Use Proposal which implements the requirements as stipulated in the 1985 Northwest Area Noxious Weed Control Program EIS (as amended), EAs covering weed control, and BLM, Department of Interior and EPA regulations. Noxious weed control work is carried out in cooperation with county and state agencies.



*Leafy spurge, a noxious weed in flower.*



U.S. DEPARTMENT OF THE INTERIOR  
Bureau of Land Management

VALE DISTRICT

GENERAL LOCATION MAP



- BLM State Office
- ▼ BLM District Office
- ▽ BLM Area Office
- District Boundary
- Resource Area Boundary

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# ***Program Emphasis For Fiscal 1994 By Resource***

*This section lists areas of emphasis for each major program area within the Baker Resource Area. In keeping with the spirit of FLPMA (the Federal Land Policy and Management Act), the BLM is moving away from program specific actions toward integrated, ecosystem-based plans.*

## ***Range Management***

All indications from the 1993 fiscal year is that "we made it through the drought." This past grazing season was a record forage-producing year. Turnout on many allotments was delayed because of slow spring growth. However, most permittees received full use. No supplemental use was granted.

In the northern portion of the resource area, a number of grazing lessees were required to take non-use on portions of the BLM lease area as a result of our efforts of evaluating the effects of grazing on Chinook salmon which was recently listed as threatened.

Because of the intensive effort on salmon, none of the scheduled allotment evaluations were completed this last year. Field data was gathered as scheduled these evaluations will be completed as time allows.

Consultations were completed with 43 grazing lessees and their lease areas were evaluated as to whether grazing was having an adverse effect on salmon. Monitoring studies were established on all affected tracts; lease areas were re-categorized from custodial (C) to improve (I).

Primary program emphasis for fiscal year 1994 will be to continue use supervision, monitoring, and to complete mitigating measures on certain affected tracts in the Grand Ronde basin. Allotment evaluations identified in Table 6 will be completed.

## ***Wildlife and Fisheries Habitat Management***

Cooperation and coordination with other agencies, organizations and individuals will continue. Existing Coordinated Resource Management Plans (CRMP) and Habitat Management Plans (HMP) will continue to be implemented.

Wildlife habitat conditions (snags, large woody debris, browse, big game cover) will continue to be evaluated during fiscal year 1994 on forested tracts impacted by insects and disease. Monitoring studies established during fiscal year 1993 will continue to be evaluated. Assistance will be provided to

develop an EA for the BLM-administered forested tracts on the east face of the Elkhorn Mountains.

Cooperative agreements with the Oregon Department of Fish and Wildlife and the Washington Department of Wildlife will be reviewed and revised as necessary. Challenge cost-share studies, in cooperation with partners, for reintroduction of Columbian sharp-tail grouse, mountain quail studies for future transplants, and anadromous fish habitat surveys will be implemented in fiscal year 1994.

## ***Threatened and Endangered Species Management***

Monitoring of nesting platform use by ferruginous hawks in the Virtue Flat area will continue. We will continue to participate in the reintroduction effort of the Columbian sharp-tailed grouse in Wallowa County in cooperation with the Oregon Department of Fish and Wildlife, Oregon State University, Wallowa-Whitman National Forest, and the Nature Conservancy. Eighteen grouse were transplanted in 1993. Survival was poor, because of the severe winter.

During fiscal year 1993, the BLM staff evaluated the impact on the listed salmon species on 43 livestock grazing leases in the Grande Ronde basin. Mitigation and modifications to grazing plans were made and are currently being implemented in cooperation with the affected landowners.

During fiscal year 1994, inventories, implementation, monitoring and evaluations for listed salmon species will continue within the Grande Ronde River basin to address the commitments made to the National Marine Fisheries Service.

## ***Lands Program Management***

Lands program emphasis in fiscal year 1993 has been right-of-way processing and issuance, withdrawal review, land exchange, and landfill lease termination.

A total of 19 right-of-way authorizations were issued, including amendments, renewals, and assignments. These were for 11 roads, 6 buried telephone lines, 1 irrigation ditch, and 1 railroad.



One land exchange was completed, exchanging 1,097.49 acres of public lands for 1,000 acres private land. Also, 2,113 acres of private land were acquired by purchase. Two other exchanges were partially completed during fiscal year 1993 and should be finished in fiscal year 1994. One exchange will be 393.04 acres public land for 436.52 acres private land. A second land exchange involves an exchange of about 5,936 acres of public land and 4,610 acres of private land. The Grande Ronde land exchange is a "third party" exchange between the BLM, the Forest Service, and private landowners in Wallowa County. The Grande Ronde land exchange will block up public land on the wild and scenic Grande Ronde and Wallowa rivers. The exchange will facilitate protection of wildlife and fisheries habitat, threatened and endangered species critical habitat for bald eagles and salmon, wild and scenic river recreation, cultural resources, and forest health.

Recreation and Public Purpose Leases for 2 landfills were renewed. Field checks of four landfills were made regularly. Two landfills discontinued operations late in the fiscal year and final closure work was begun. Considerable work was done in anticipation of the conveyance of another landfill, but it is now planned to close that one in fiscal year 1994.

Seven suspected unauthorized use cases were resolved: 3 occupancy, 2 litter, and 2 right-of-way. Resolution was accomplished by discontinuance and/or rehabilitation, determination that the use did not exist, or disposing of the land involved through land exchange.

Nine Bureau of Reclamation withdrawal cases were reviewed, 7 within the Umatilla project and 2 within the Burnt River project. One agricultural land use permit was issued. Considerable processing work was done for an agricultural lease involving 530 acres.

Emphasis in fiscal year 1994 will be completion of two land exchange proposals, including the Grande Ronde land exchange and landfill lease terminations at Unity and Umatilla Butte near Hermiston. Applications for right-of-way and other public demand cases will be processed on a timely basis. Unauthorized use resolution will have a lower priority than in past years.

Land tenure adjustments have resulted in some changes in public land acreages. The current acreages are shown in the table below.

#### Public Land Acreage, Baker Resource Area

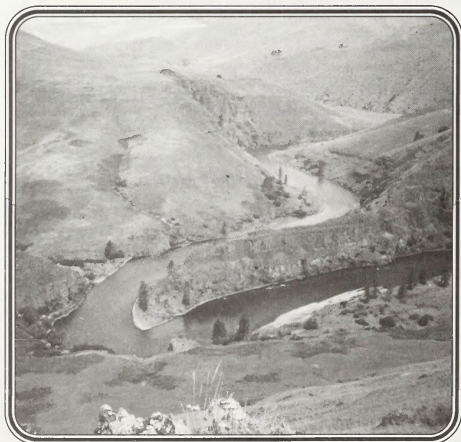
County	Federal (BLM) Surface	Total Acreage of County Within the Planning Area
Baker	367,130	1,930,240
Malheur <sup>1</sup>	10,046	12,040
Wallowa	19,993	2,033,920
Morrow	2,328	1,317,900
Umatilla	13,243	2,065,280
Union	6,119	1,200,480
Asotin <sup>2</sup>	12,487	109,235
Garfield <sup>2</sup>	70	3,320
<b>Total</b>	<b>431,416</b>	<b>8,672,415</b>

<sup>1</sup> Baker Resource Area managed portion only. The balance of public land in Malheur County is managed by the Malheur and Jordan Resource Area of the Vale District.

<sup>2</sup> Baker Resource Area managed portion only. The balance of public land in the state of Washington is managed by the Spokane BLM District.

#### Public Land Acreage, Baker Resource Area, Geographic Units (GUs)

Unit Number	Name	Acres
1	Big Lookout Mtn.	23,502
2	Burnt River	42,914
3	Keating	23,861
4	Pedro Mtn.	23,969
5	Grande Ronde River	19,046
6	Homestead	12,431
7	Pritchard Cr.	13,587
8	Oregon Trail	3,437
9	Unity Reservoir	360
10	Sheep Mtn.	8,418
11	Hunt Mtn.	2,409
12	Powder River Canyon	5,946
13	Blue Mtn.	32,651
14	Baker County Misc.	218,885
<b>Total</b>		<b>431,416</b>



Deer Creek Bend, Lower Grande Ronde



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## *Minerals Management*

Surface management of mineral resource development under U.S. mining laws (43 CFR 3802 and 3809) continues to have the highest management priority. Cumulatively, since July 1989 when the Record of Decision was signed, 174 notices, disturbance of 5 acres or less, have been reviewed. During fiscal year 1993, 65 notices were reviewed. One plan of operations for exploration drilling was assessed, authorized, and completed. Reclamation on this and a preexisting plan of operations has been completed and the cases are closed. Another plan of operations has never been completed and now appears to have been abandoned. Current operations include 214 notices, disturbance of 5 acres or less and no plans. Of the active notices, 98 were submitted prior to the completion of the RMP.

Cumulatively, 1,224 compliance inspections have been completed. During fiscal year 1993, 237 compliance inspections were completed. Final compliance inspections or case consolidations have been completed on 236 notices and 2 plans of operations. One notice of noncompliance decision was issued and, after compliance was attained, the notice of noncompliance was rescinded.

Since July, 1989, 2 noncompetitive mineral material sales and 2 free use permits have been authorized for a total volume of approximately 1,330 cubic yards. The mineral materials excavated included subsoil for fill and pit-run basalt rock for aggregate. One mining and reclamation plan has been completed.

Quarterly competitive oil and gas lease sales continue to offer parcels for lease which are located within the resource area. However, no bids have been received for any of the offered parcels and no lands within the resource area are leased for oil and gas. During fiscal year 93, 3 oil and gas competitive sales were reviewed for proper protective stipulations. No lease offers for other leasable mineral resources have been received.

One mineral resource potential report has been completed for an application to purchase federal mineral estate associated with privately owned surface. Four mineral resource potential reports have been completed for 5 proposed withdrawals from mineral entry authorized by the ROD for the Oregon Trail and Keating geographic units. Two mineral resource potential reports have been completed for land exchanges. One surface interference/mineral resource potential report for a land use permit application has been completed.

Enactment of new laws, an inventory of past and present mining and milling sites for hazardous materials and physical hazards and proposed changes to regulations governing mining on public land, will affect the mining law administration program to an unknown extent during fiscal

year 94. In particular, the proposed changes to the 43 CFR 3809 regulations requiring reclamation bonds or financial guarantees for all mining and milling operations on public lands could substantially increase the work load for this program. No budget has been identified for administration of minerals material program even though there are pending applications.

Under Public Law 103-23, all mineral exploration or mining activities on private surface with federal mineral estate, other than casual use, require either surface owner consent or a plan of operations to be filed with and approved by the BLM prior to conducting surface disturbing activities. The provisions of the Act are very detailed as to BLM's involvement and were effective on October 13, 1993. The potential impact on the mining law administration program within the resource area is presently unknown.

During fiscal year 1993, 7 earth history, paleontology, and rock and mineral education outreach programs were given to third and sixth grade classes. Similar efforts are scheduled for fiscal year 1994 plus an outdoor environmental school for all sixth grade students in the local school district.

## *Soil, Water, Air Management*

Emphasis in these programs is soil stabilization, erosion control, and riparian rehabilitation. Instream stabilization is essential to riparian expansion.

The Dooley Mountain wildfire rehabilitation plan was implemented on the east fork of Sutton Creek. Approximately 11,000 riparian shrubs and deciduous trees were planted. Willows were planted along the west fork of Sutton Creek. Discarded Christmas trees and large woody debris were placed in the stream channel to help stabilize it.

In the Dark Canyon wildfire area, log structures and large woody debris to slow channel entrenchment were placed.

Water quality and riparian studies were conducted on Wallupa Creek, Wildcat Creek, Sickfoot Creek, Mud Creek, and Courtney Creek in the Grande Ronde basin. Riparian studies were established on 8 locations along the Grande Ronde River.

Implementation of the Morgan Creek watershed plan will continue as funds and priorities allow.

Sixteen stream cross section studies are read and recorded annually. The results demonstrate the beneficial efforts of live woody material growing in the stream channel.

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## *Forest Management*

The objective of BLM's public domain forest management policy is, "...to maintain, restore, improve, harvest, and replace forest vegetation on those lands, and to manage to retain desired plant communities in forms which maintain genetic, structural, and successional conditions which benefit the uses of those lands in the long run."

The current emphasis of Baker Resource Area's forestry program is to manage timber stands which have become susceptible to insects, disease, or fire. The highest priority is assigned to those areas which lack diversity and contain a high percentage of insect-damaged white fir, Douglas-fir, or lodgepole pine. The management objective is to remove the dead, damaged, or susceptible species while retaining an adequate seed source for ponderosa pine, western larch, and Douglas-fir. Enough trees would be retained, including white fir or lodgepole pine if necessary, to provide vertical structure and future snags for wildlife.

Prescribed burning would remove fine fuels and expose soils for natural regeneration. Larger woody debris would be left. The areas will be monitored, and if natural regeneration is inadequate within a 3-5 year period, they will be planted to reestablish a diverse, forested stand. In certain instances, aspen and other noncommercial species will be planted.

The Baker Resource Area has assembled an interdisciplinary (ID) team to develop long-range treatment plans for 24 tracts along the east face of the Elkhorn Mountains. These parcels contain approximately 2,600 forested acres and lie between Anthony Creek and Salisbury Junction on state highway 7. Preliminary recommendations indicate four areas would benefit from some type of timber salvage operations, while the majority of the other tracts need to be thinned or underburned with prescribed fire. Most of these areas lack legal access for BLM operations. Priority for acquiring access will be assigned to those tracts requiring salvage of dead and dying trees.

Other areas in which the ID team will direct its attention during FISCAL YEAR 94 include Cable Creek near Ukiah, Oregon, and Freezeout Ridge which is east of Heppner, Oregon. Current efforts include an inventory of resources and determining silvicultural needs.

If adequate funding is available, pre-commercial thinning or stocking control in unaffected stands to increase resistance to insect and disease attack will be performed, and hand planting old timber sale areas, where natural regeneration is inadequate, will be completed. Site preparation of previous sale areas by mechanical means or prescribed fire depends on funding.

There is little emphasis on active management of woodlands; custodial protection will continue.

## *Fire Management*

The major emphasis of the fire management program in the Baker Resource Area will continue to be the restoration of fire to its natural role in all ecosystems. The first priority for the program will continue to be the inventory and subsequent reduction of fuel loadings in forested ecosystems. The return of fire at the historic natural interval with all the above and below ground benefits is the ultimate goal of the fire management program. The desired future condition for all ecosystems is a return to the health and stability of pre-settlement plant communities with fire restored to its natural role.

In fiscal year 1993, approximately 3,520 acres of fuel mapping/treatment prescriptions and approximately 600 acres of fire history research were completed.

One prescribed burn of 80 acres was completed in fiscal year 1993 with 4 planned for fiscal year 1994.

Another major forest health project is slated for initiation in fiscal year 1994. Approximately 2,600 acres will be evaluated and various fuel treatments planned. These will include low ground pressure machine piling, hand piling, wood fiber harvest, and broadcast burning. The desired future condition for these plant communities is a healthy mid-seral/fire climax stage.

## *Cultural Heritage Management*

The cultural heritage program emphasis during fiscal year 1993 was cooperation and participation in the statewide Oregon Trail Sesquicentennial. Participation in Oregon Trail 1993 Sesquicentennial activities included information and interpretive programs in cooperation with museums, the Oregon-California Trails Association, the US Forest Service, private landowners, and other partners. A Scope of Collections Statement for National Historic Oregon Trail Interpretive Center was completed.

Inventory and site condition monitoring was conducted in the Snake River National Register District for 14 National Register sites. A Class II inventory was performed on 1,000 acres of acquired lands in the Snake River National Register District. Inventories for the Grande Ronde land exchange dominated the fiscal year 1993 project support workload, in addition to inventories and evaluation for recreation, realty, and range projects.

Public awareness outreach programs to schools and interest groups continued. Educational programs were presented on archaeology and prehistoric lifeways for Baker County 5th and 6th grade students in cooperation with North Baker Elementary School, the Kiwanis Club, and other



agencies. In partnership with the US Forest Service, BLM presented exhibits on the Oregon Trail emigration and flintknapping at the Windows on the Past Cultural Heritage Celebration in Enterprise and Baker City. During the year, 14 volunteers donated 560 hours of time in support of artifact cataloging, Oregon Trail Sesquicentennial activities, development of an Echo Oregon Trail brochure, and general program activities.

The cultural heritage program for fiscal year 94 will emphasize protection and surveillance of critical cultural resource sites on the Grande Ronde and Powder wild and scenic rivers and in the Snake River National Register District; rehabilitation of disturbance to one looted cultural resource property; and continuation of educational outreach programs with schools and partnership projects on the Oregon Trail at the Echo Meadows ACEC.

## ***National Historic Oregon Trail Interpretive Center Complex***

The National Historic Oregon Trail Interpretive Center opened on schedule in May, 1992. We will continue to coordinate project activities with the local community, organizing a volunteer support group, and cooperating with the Oregon Trail Preservation Trust. Slightly more than 345,000 individuals visited the Center during fiscal year 1993.

Participating in the statewide Oregon Trail Sesquicentennial activities was a major focus during fiscal year 1993. While hosting more than 347,000 visitors, the Interpretive Center participated in the official Sesquicentennial wagon train celebration, the national Oregon California Trails Association convention, and Cycle Oregon. The Trail Tenders, Inc., a volunteer group dedicated to the Interpretive Center, issued a special commemorative envelope honoring the Sesquicentennial and the Interpretive Center's first anniversary. During fiscal year 1993 more than 12,000 hours of volunteer service were recorded by Interpretive Center volunteers in visitor services, interpretation, and maintenance. A special project was the construction, using period tools, of a wagon as a living history experience.

Ten special exhibits were displayed in Flagstaff Gallery illustrating historical themes explored in the Center. More than 1,100 interpretive presentations were made. These included character portrayals, living history dramas, lectures, and period music offered in the Leo Adler Theater as well as interpretive walks focusing on mining and native vegetation. At the outdoor wagon encampment volunteers and staff depicted typical pioneer-era camp scenes.

The focus for fiscal year 1994 is on development of educational programs. Living history will continued to be

offered. And, the Flagstaff Gallery will continue to host travelling or specially-produced exhibits.

Still to be constructed are several key elements of the interpretive complex including the outdoor amphitheater, picnic area, third parking lot, wind and shade structures on the trails and the sight-seeing overlook on the main trail. Exhibit maintenance and replacement, system upkeep, road maintenance and collections management are all major issues facing management.

Major baseline planning efforts were initiated in FY1993 including preparing volunteer management guidelines, collection management policies and manuals, staff and volunteer training, safety and emergency operation plan and vehicle management. Plan implementation will begin upon approval.

## ***Recreation/Wilderness Management***

The Wallowa/Grande Ronde River program developed a visitor information and education program to assist river recreationists in the use of human waste pack-out systems, fire pans, water craft and their operational safety, and environmental protection with emphasis on threatened and endangered plant and animal species.

Three outreach programs were undertaken through the Wallowa/Grande Ronde River program during fiscal year 1993. Orientation of river management within Baker Resource area was accomplished with the Boy Scouts, church groups, and large volunteer groups. These outreach programs included recreation opportunities, wildlife habitat, and forest health.

During fiscal year 1993, the Baker Resource Area Recreation/Wilderness programs utilized 61 volunteers for more than 1,300 hours of service. The majority of the service was performed under the Wallowa/Grande Ronde River program. Volunteers also assisted in the recreation maintenance program, working on 20 campsites.

The recreation/wilderness program developed the wild and scenic river management plans for the Wallowa/Grande Ronde and the Powder rivers and management of those rivers. Twenty recreation sites were maintained, special recreation use permits issued, and the Snake River/Mormon Basin Backcountry Byway was managed.

The final environmental assessment and management plans for the Wallowa/Grande Ronde and Powder Rivers were completed. Publication will be early in fiscal year 1994. These plans were completed following extensive public comment on the draft documents.



The Baker Resource Area, Walla Walla Ranger District, and the Oregon ATV Allocation Committee jointly funded and constructed a BLM trailhead and trail on the South Fork of the Walla Walla River. The site is barrier free and is available for hiking, horseback, and ATV use.

The Snake River Reservoir Area Management Plan and the Snake River/Mormon Basin Backcountry Byway Management Plan were drafted. They will be available for public comment in early fiscal year 1994. Interpretive kiosks were ordered for the Backcountry Byway.

The Baker Resource Area issued 4 big game outfitter permits, 1 cross country skiing permit, 1 Oregon Trail ride permit, and 18 commercial river outfitter permits (issued in conjunction with the USFS).

Baker Resource Area staff completed 31 Wilderness Study Area (WSA) interim management patrols on three WSA's.

The Baker Resource Area will publish and implement the Wallawa/Grande Ronde and Powder River Management Plans. There will be special emphasis on threatened and endangered species and the outstandingly remarkable values identified through the National Wild and Scenic Rivers Act. Monitoring will be conducted.

During fiscal year 1994, the final management plans for the Snake River/Mormon Basin Backcountry Byway and the Snake River Reservoir Area will be completed. Byway signing and a travel brochure will be developed. A sign plan will be developed for the South Fork of the Walla Walla River trailhead and a management agreement established with Umatilla County for trailhead management. Baker Resource Area, in cooperation with Oregon Department of Fish and Wildlife, will install an interpretive sign at the Power City Watchable Wildlife Area.

An estimated 28 special recreation use permits will be issued for a variety of recreational opportunities. These permits include commercial river outfitters, big game outfitters, OHV clubs, skiing clubs, cycling clubs, and horse clubs.

Twenty recreation sites will be maintained.

Interim management protection will be conducted for three WSAs. This will include patrol and surveillance of approximately 14,000 acres of public land.

### ***Areas of Critical Environmental Concerns (ACEC) Management***

Five draft management plans for the ACECs have been prepared since July 1989. Two ACEC plans will be incorporated into the Wild and Scenic River Management

Plans. An additional ACEC was established for the South Fork of the Walla River. An RMP plan amendment was completed during fiscal year 1992.

Land acquisition in fiscal year 1993 resulted in the addition of 2,113 acres to the Grande Ronde ACEC in Asotin County, Washington. (See Table 12) The lands acquired are located at Limepoint on the Grande Ronde-Snake River confluence and on the Snake River at Bear Creek. These lands are managed as part of the Grande Ronde ACEC to protect and enhance cultural resources, wildlife, and fisheries habitat and may provide for recreation opportunities to the extent that recreation is compatible with protection of other ACEC resource values. Incompatible land uses will be restricted or excluded to secure ACEC values, in conformance with the management objectives identified for the ACEC. In fiscal year 1994, program emphasis is directed toward a proposed land exchange which would acquire public lands in the Grande Ronde ACEC, Grande Ronde wild and scenic river, Wallawa River, and South Fork Walla Walla River ACEC. Interim management plans or amendments to the RMP will be prepared if needed to address management of newly acquired lands in the ACEC.

### ***Noxious Weed Management***

Several small chemical control efforts that were previously initiated were continued this year on spot infestations of knapweed and starthistle. Approximately 30 acres of knapweed control using herbicide was accomplished in the Virtue Flat area. The Baker Resource Area administrative site was sprayed. Some spraying of leafy spurge and a substantial amount of hand pulling and grubbing, totalling about 125 acres, was done on both spurge and knapweed in the Durkee and Burnt River areas.

Several small control projects initiated in previous years were continued in Umatilla, Wallawa, Malheur, and Asotin Counties by county weed control agencies, with help from BLM funds.

Biological control work was continued on knapweed and yellow starthistle in several areas in Oregon and Washington.

An inventory of spurge in the Burnt River area and yellow starthistle in the Keating area was conducted by Oregon State Department of Agriculture and BLM. The cooperative weed inventory, done in conjunction with a spot control program, was continued in cooperation with Umatilla County.

Control work on noxious weeds will continue, either on a maintenance basis or as a re-treatment, depending on the success to date. Biological control agent releases in cooperation with the Oregon Department of Agriculture will continue. In cooperation with ODA and Umatilla County, inventory of noxious weeds will continue.

Chemical control work will be initiated on newly-found infestations of spurge, knapweeds, and yellow starthistle in the Burnt River, Grande Ronde, and Virtue Flat areas. If significant infestations of other weeds in other areas are discovered, control will be initiated.

## ***Hazardous Materials Program***

The Minexco Mill Site hazardous waste site, OR-2078-01-04, continues to be monitored. The Environmental Protection Agency has recommended "no further remedial action." When the Oregon State Department of Environmental Quality (DEQ) finalizes closure plan requirements for cyanide heap leach operations and cyanide action levels, final reclamation and closure can be completed.

Under BLM contract, regulatory compliance audits were completed by Advanced Sciences, Inc. for the Halfway, Hermiston, Richland, and Unity landfills which are located on public land. The audit reports indicate that hazardous wastes, as regulated under subtitle C of the Resource Conservation and Recovery Act (RCRA), probably have not been disposed at the landfills. However the lack of complete records and inadequate access control allows for some uncertainty. These audit reports are available for review at the resource area office. During fiscal year 1993, closure of the Halfway and Richland landfills was initiated. Extensions were given to the Hermiston and Unity landfills. The Hermiston landfill transfer or closure report was finalized. Unauthorized dump site surveys were completed for sites located near Durkee, Pleasant Valley, and Richland. All unauthorized dump sites were found to contain only solid waste.

In previous years, Level I Hazardous Materials Surveys were completed on the Grande Ronde River Acquisition, proposed Windswept Land and Livestock land exchange, proposed Byrne land exchange, Snake River occupancy trespass and 2 easements. During fiscal year 1993, Level I surveys were completed for all tracts proposed for exchange by Clearwater Investments, Inc. for the Grande Ronde land exchange. This included acquisition of tracts along the South Fork of the Walla River and the Grande Ronde River and its tributaries. A Level II Hazardous Materials Survey was completed for some of the tracts proposed for acquisition on the Grande Ronde and Wallowa rivers in the vicinity of Rondowa. The recommendation resulting from all the surveys was that proposed exchange could be completed.

During fiscal year 1993, a hazardous waste investigation of the Connor Creek mill site was initiated. No threat to public health or safety was found on public lands. The results were submitted to DEQ. Potential hazardous materials inventories were initiated for historic mining and mill sites and realty authorizations.

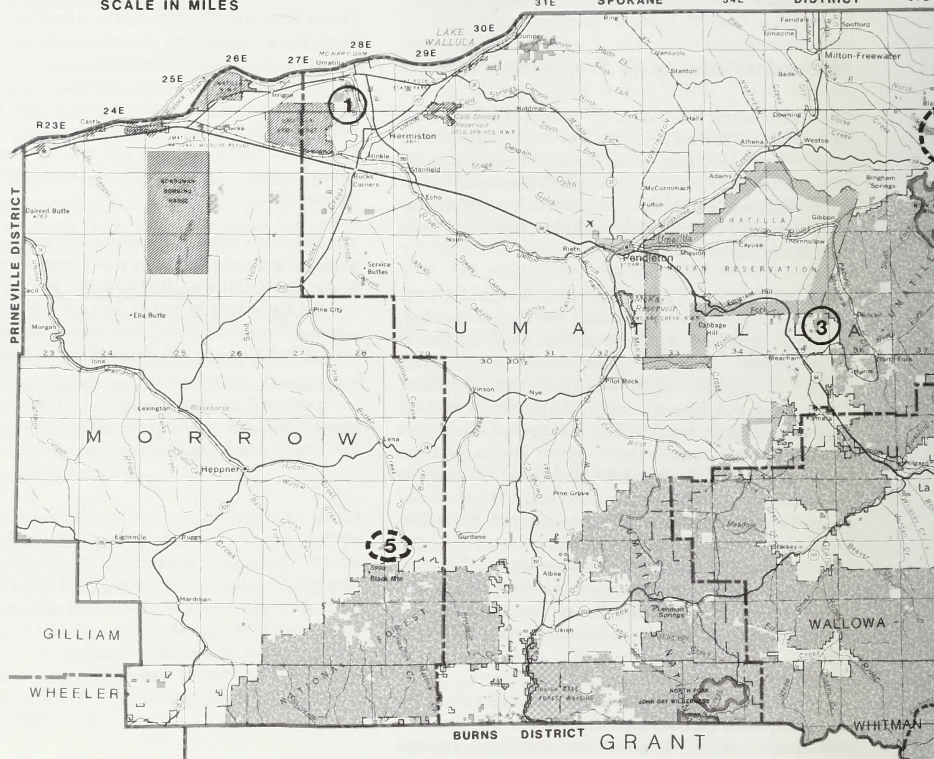
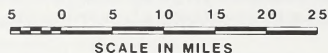
In compliance with the Emergency Planning and Community Right-to-Know Act (EPCRA), reports were submitted to the State of Oregon Fire Marshall's Office on materials being stored at the resource area administrative sites.

During fiscal year 1994 there will be at least four unauthorized dump site investigations. A waste minimization plan and a hazardous materials facility management plan will be initiated. In coordination with the State of Oregon, the Vale District is developing methodologies and inventory plans for identified potential hazardous materials sites/situations. The inventory to identify historic mining and milling sites and realty authorizations, where hazardous materials may have been released, will be completed.

The hazardous materials program will continue to provide guidance and assistance to the realty program on the closure of the Unity, Halfway, Richland, and Hermiston landfills. Level I Hazardous Materials Surveys will continue to be completed on other realty actions initiated within the resource area. EPCRA reports will be completed as necessary.



# WASHINGTON



## LEGEND

- District Boundary
- County Boundary
- Resource Area Boundary
- Bureau of Land Management Lands
- US Forest Service Lands
- State Lands
- Indian Lands
- Other Federal Lands
- Private Lands
- Wilderness Study Areas
- OR-6-1 McGraw Creek
- OR-6-2 Homestead
- OR-6-3 Sheep Mountain

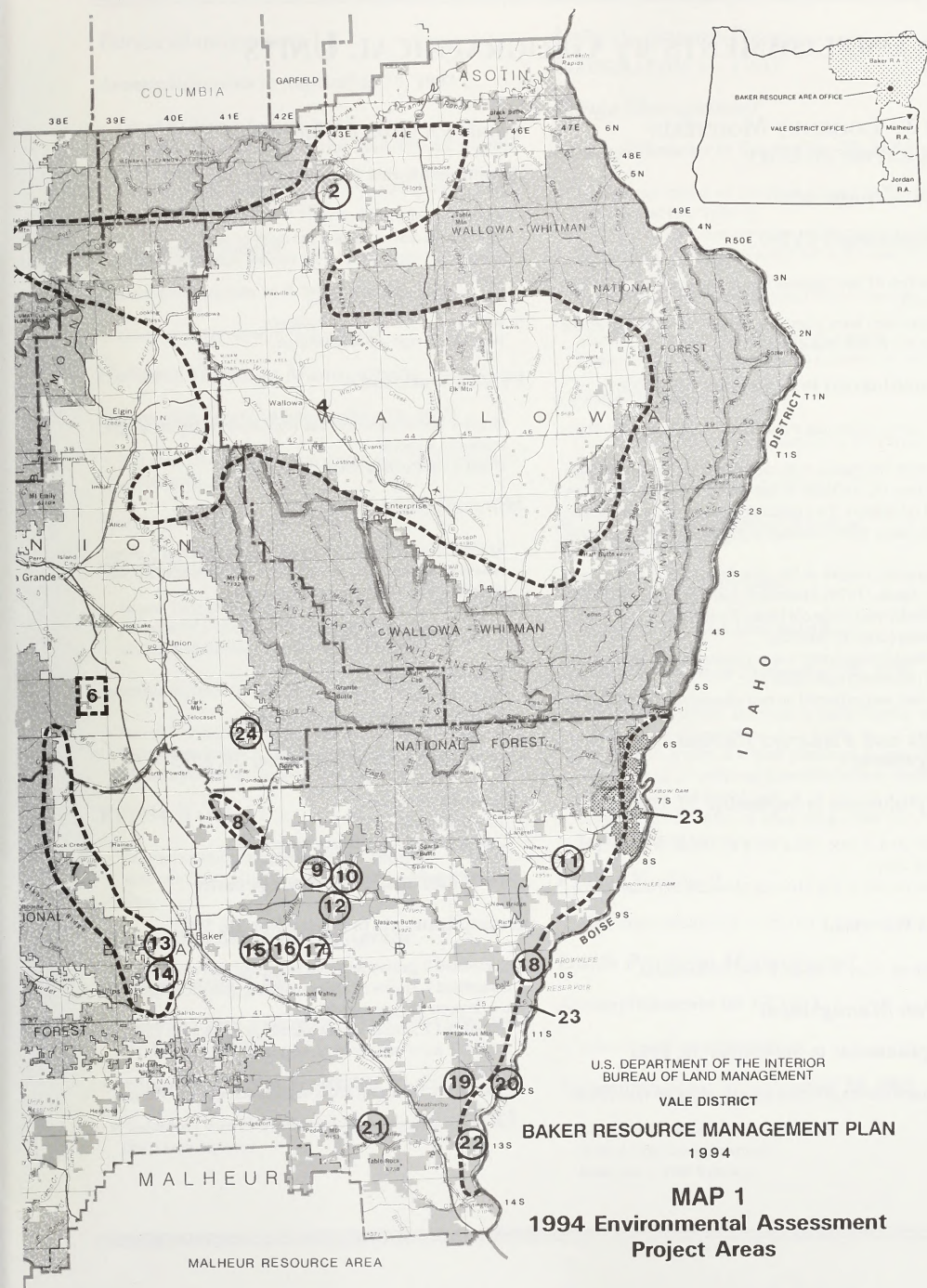
## PROJECT NAMES

- |   |  |
|---|--|
| 1 Leonard LUP                                     | 12 Byrne Land Exchange                   |
| 2 Mud Creek Road                                  | 13 Elk Creek Prescription Burn           |
| 3 Mercham Road                                    | 14 Elk Creek Juniper Thinning            |
| 4 Grande Ronde Land Exchange - OR48500            | 15 Tallmans Pipeline                     |
| 5 Freezeout Ridge Forest Health Project           | 16 White Swan Pipeline                   |
| 6 Ladd Canyon/Shaw Mountain Forest Health Project | 17 Hutton Reservoir                      |
| 7 "East Face" Forest Health Project               | 18 Snake River Quarry                    |
| 8 Powder River Management Plan                    | 19 MCJ Prescription Burn                 |
| 9 Davis Road                                      | 20 Bacon Powerline                       |
| 10 Jacobs Lease                                   | 21 Road Gulch Fence                      |
| 11 Dead Cow Butte Quarry                          | 22 BSU Seismo. Station                   |
|   | 23 Three Reservoir Plan                  |
|   | 24 Frazer Mountain Forest Health Project |

① Proposed Environmental Assessment Project Areas







# ACCOMPLISHMENTS BY GEOGRAPHICAL UNITS

## UNIT 1. LOOKOUT MOUNTAIN GEOGRAPHICAL UNIT

### *Range Management*

#### **Accomplishments FY1993**

- Collection of field monitoring data in one allotment (see Table 7).
- A prescribed burn plan was written for portions of the Snake River Allotment (1001).

#### **Accomplishments to September 30, 1993**

- Two formal allotment evaluations completed (see Table 5).
- Two new allotments were created within this geographic unit from the division of the Snake River/Sisley Creek (1001) allotment. Two additional allotments were created in the Baker Miscellaneous Geographic Unit (see Table 1).
- The grazing system in the new Snake River (1001) and Wells Basin (1070) allotments were changed from that historically used in the old Snake River/Sisley Creek (1001) allotment (refer to Table 2).
- One range improvement was completed in the Snake River (1001) allotment (see Table 3).
- Field data was collected on two allotments. (See Table 7)

### *Wildlife and Fisheries Habitat Management*

#### **Accomplishments to September 30, 1993**

- Constructed a pole fence on Fox Creek to protect the riparian zone.
- Reconstruction of Big Lookout Mountain enclosure fence.

#### **FY1994 Workload**

- 12 Bighorn sheep released in Big Lookout area.

### *Riparian Management*

#### **Accomplishments to September 30, 1993**

- Completed 2 miles of willow planting along Morgan Creek.

### *Lands Program Management*

#### **Accomplishments to September 30, 1993**

- Granted 1 road right-of-way.
- Granted 1 communication site right-of-way.
- Reserved 1 right-of-way for remote automated weather station.
- Renewed 1 residential lease.
- Resolved 10 occupancy trespasses.
- Resolved 1 right-of-way trespass.

#### **FY1994 Workload**

- Grant 1 communication site right-of-way (seismograph telemetry station).
- Grant 1 electric powerline right-of-way.

### *Minerals Management*

- At the end of FY1993, 15 notices, disturbance of 5 acres or less under the U.S. mining laws remain open and are currently filed at the resource area office.

#### **Accomplishments FY1993**

- Reviewed 3 notices.
- Closed 4 cases.
- Completed 17 compliance inspections.

#### **Accomplishments to September 30, 1993**

- Reviewed 19 notices.
- Closed 39 cases.
- Completed 153 compliance inspections.

### *Soil, Water and Air Management*

#### **Accomplishments to September 30, 1993**

- Completed 2 gabion instream structures on Fox Creek.
- Completed 1.5 miles of willow planting, grass/forb/browse seedlings on Morgan Creek.
- Completed 2.5 miles willow plantings on Morgan Creek.
- Added 2 additional gabion instream structures on Fox Creek.
- Established 16 stream cross section stations on Morgan Creek.



## ***Forest Management***

### **Accomplishments to September 30, 1993**

- Issued 80 firewood permits for 350 cords.
- Identified and disposed of danger trees at Bassar Diggins campground.
- Because of unacceptable resource damage, area was closed to firewood cutting in FY1993.

## ***Fire Management***

### **Accomplishments to September 30, 1993**

- Completed 385 acres of fuel mapping.

## ***Cultural Heritage Management***

### **Accomplishments to September 30, 1993**

- 200 acres were inventoried to document upland prehistoric use patterns.

## ***Recreation Management***

### **Accomplishment FY1993**

- Issued 3 big game outfitter permits for bear, deer and elk.
- Maintained Swede's Landing Recreation Site.
- Maintained Bassar Diggins Recreation Site.

### **Accomplishments to September 30, 1993**

- Issued 15 big game outfitter permits for bear, deer and elk.
- Maintained Swede's Landing Recreation Site.
- Maintained Bassar Diggins Recreation Site.

### **FY1994 Workload**

- Continue issuing big game outfitter permits.
- Maintain Bassar Diggins and Swedes Landing recreation sites.

## ***Hazardous Materials Program***

### **Accomplishments FY1993**

- A hazardous waste investigation of the Connor Creek mill site was completed.

### **Accomplishments to September 30, 1993**

- A hazardous waste investigation of the Connor Creek mill site was completed.

## **UNIT 2. BURNT RIVER GEOGRAPHICAL UNIT**

## ***Range Management***

### **Accomplishments to September 30, 1993**

- The grazing system of the Cave Creek (1003) allotment was changed (see Table 2).
- Four range improvements were completed (see table 3).
- Three formal allotment evaluations were completed (see Table 5).
- One allotment management plan (AMP) was revised (see Table 5).
- Maintained two springs and one cattle guard.
- Three non-willful livestock trespass case were settled.

### **FY1994 Workload**

- One formal allotment evaluation is scheduled to be completed (see Tables 6).
- Revise and update AMP for allotment 1301.

## ***Wildlife and Fisheries Habitat Management***

### **Accomplishments FY1993**

- Planted 600+ conifers along Burnt River.

### **Accomplishments to September 30, 1993**

- Planted 2,000 shrubs and trees in Dark Canyon and 600 conifers along Burnt River.
- Completed 1.5 mile of willow plantings, 4 acres of aspen plantings and .23 miles of grass/forb/browse seedings on Dark Canyon and Deer Creek.
- Constructed 1.25 miles of fence along south side of Burnt River to protect riparian zone.

### **FY1994 Workload**

- Plant large cottonwoods along Burnt River, Sutton Creek.

## ***Lands Program Management***

### **Accomplishments for FY1993**

- Issued 2 road use agreements.

### **Accomplishments to September 30, 1993**

- Resolved 11 occupancy trespasses.
- Issue 4 road use agreements.
- Resolved 1 litter trespass.

## ***Minerals Management***

- At the end of FY1993, 53 notices, disturbance of 5 acres or less under the U.S. mining laws, remain open and are currently filed at the resource area office.

### **Accomplishments FY1993**

- Reviewed 22 notices.
- Closed 14 cases.
- Completed 61 compliance inspections.

### **Accomplishments to September 30, 1993**

- Reviewed 55 notices.
- Closed 66 cases.
- Completed 288 compliance inspections.
- Issued and rescinded 1 notice of noncompliance decision.

## ***Soil, Water and Air Management***

### **Accomplishments to September 30, 1993**

- Constructed 11 instream structures (gabions) on 0.75 miles of Dark Canyon.
- Constructed 36 instream structures (log dams) on 2.5 miles of Sutton Creek.
- Planted 2,000 shrubs and trees in Dark Canyon.
- Completed 1.5 miles of willow plantings, 4.0 acres of aspen plantings and 0.23 miles of grass/forb/browse seedings on Dark Canyon and Deer Creek.
- Constructed the Burnt River fence on the south side of the Burnt River canyon to protect the riparian zone (see to Table 3).
- Constructed 1.5 miles of fence along rim of Burnt River as part of Burnt River HMP.
- Planted willows in Deer Creek and Dark Canyon.

## ***Forest Management***

### **Accomplishments to September 30, 1993**

- Sold 20,000 pounds of juniper boughs.

## ***Cultural Heritage Management***

### **Accomplishments to September 30, 1993**

- 300 acres inventoried to document an obsidian procurement locality.

## ***Recreation Management***

### **Accomplishments FY1993**

- Issued 3 big game outfitters permit for deer and elk.
- Maintained Apple Orchard Recreation Site.

### **Accomplishments to September 30, 1993**

- Issued 15 big game outfitter permits.
- Maintained Apple Orchard Recreation Site.

### **FY1994 Workload**

- Continue issuing big game outfitter permits.
- Maintain Apple Orchard Recreation Site.

## ***Noxious Weed Control***

### **Accomplishments in FY1993**

- Spraying of leafy spurge and hand pulling and grubbing, totalling about 125 acres in the Durkee, and lower Burnt River areas.
- Completed an inventory of spurge in cooperation with Oregon State Department of Agriculture.

### **Accomplishments to September 30, 1993**

- Completed mechanical control for leafy spurge on 25 acres. Spot control efforts will continue.
- Hand control work on leafy spurge completed during three years.

### **FY1994 Workload**

- Continue control work various infestations of noxious weeds.
- Spot treatment of small knapweed patches is planned.
- Continue inventory of noxious weeds, primarily for spurge and knapweed in cooperation with ODA.
- Initiate chemical control work on newly-found infestations.

## ***Hazardous Materials Program***

### **Accomplishments FY1993**

- Unauthorized dump site survey completed near Durkee.

### **Accomplishments to September 30, 1993**

- Unauthorized dump site survey completed near Durkee.



## **UNIT 3. KEATING GEOGRAPHICAL UNIT**

### ***Range Management***

#### **Accomplishments FY1993**

- Adjusted allotment acres and AUMs (see Table 1).
- Monitoring data gathered for 1 allotment (see Table 7).

#### **Accomplishments to September 30, 1993**

- Four range improvements were completed (see Table 3).
- One new allotment was created from the division of the Goose Creek Allotment (2032) (see Table 1).
- Three formal allotment evaluations were completed (see Table 5).
- Three Allotment Management Plans (AMPs) were revised (see Table 5).
- Field monitoring data collected on two allotment (see Tables 7).

#### **FY1994 Workload**

- One formal allotment evaluation scheduled to be completed (see Table 6).
- Four allotments are scheduled for collection of field monitoring data (see table 8).

### ***Wildlife and Fisheries Habitat Management***

#### **Accomplishments FY1993**

- Planted 7,200 shrubs and trees.

#### **Accomplishments to September 30, 1993**

- Prepared and coordinated Crystal Palace CRMP on the Keating deer winter range.
- Fertilized 60 acres of crested wheatgrass seedings on crucial deer range.
- Planted 11,300 shrubs and seeded 130 acres on crucial deer winter range within Crystal Palace CRMP area.
- Built 2 pasture cross fences and 2.25 miles of enclosure fence along Powder River rim.
- Built 2 riparian enclosures.
- Installed 4 cattleguards and developed 4 springs.

#### **FY1994 Workload**

- Plant 7,000 shrubs.

## ***Lands Program Management***

#### **Accomplishments for FY1993**

- Completed 1 land exchange which disposed of 457.49 acres and acquired 80 acres.
- Granted 2 road rights-of-way.
- Granted 1 irrigation ditch right-of-way.
- Renewed 1 telephone line right-of-way.
- Resolved 1 litter trespass.
- Resolved 1 right-of-way trespass.
- Issued 1 agricultural permit.

#### **Accomplishments to September 30, 1993**

- Granted 1 land exchange which disposed of 457.49 acres and acquired 80 acres.
- Granted 2 road rights-of-way.
- Granted 2 right-of-way for an irrigation ditches.
- Renewed 2 telephone line rights-of-way.
- Issued 2 agricultural permits.
- Resolved 1 litter trespass.
- Resolved 1 right-of-way trespass.
- Resolved 2 occupancy trespasses.
- Resolved 1 agricultural trespass.
- Resolved 1 apiary trespass.

#### **FY1994 Workload**

- Complete 1 land exchange which would acquire 220 acres.
- Issue 1 agricultural lease.
- Grant 1 road right-of-way.
- Resolve 3 agricultural trespasses.

### ***Minerals Management***

- At the end of FY1993, 3 notices, disturbance of 5 acres or less under the U.S. mining laws, remain open and are currently on file at the resource area office.

#### **Accomplishments FY1993**

- Reviewed 2 notices.

#### **Accomplishments to September 30, 1993**

- Reviewed 2 notices.
- Closed 3 cases.
- Completed 8 compliance inspections.

### ***Cultural Heritage Management***

#### **Accomplishments to September 30, 1993**

- 1,997 acres inventoried in support of land exchange proposals and habitat improvement.

## ***Areas of Critical Environmental Concern (ACECs) Management***

- The legal descriptions of the proposed withdrawal from mineral entry under the mining laws prescribed for the Keating Unit can be found on Table 10.
- Completed an inventory of the Keating Riparian ACEC.

## ***Noxious Weed Management***

### **Accomplishments FY1993**

- There were two releases of two different kinds of insects to control leafy spurge and knapweed, under a cooperative agreement with the Oregon State Department of Agriculture.
- Oregon Department of Agriculture completed a comprehensive survey for yellow starthistle in the Clover Creek-Balm Creek area.

### **Accomplishments to September 30, 1993**

- Completed mechanical control of yellow starthistle on 100 acres in 1990. A biological control project was scheduled for 1991, but was not completed, due to climatic factors.
- Treatment of yellow starthistle limited to bio-control work. There have been five separate releases of three different kinds of insects in this area, over a two year period, under a cooperative agreement with the Oregon Department of Agriculture. ODA initiated and completed a comprehensive survey for this species during the last two years.

### **FY1994 Workload**

- Continue bio-control program.

## ***Hazardous Materials Program***

### **Accomplishments to September 30, 1993**

- Level I Hazardous Materials Surveys completed on the proposed Windswept Land and Livestock Co. and Byrne land exchanges.

## **UNIT 4. PEDRO MOUNTAIN GEOGRAPHICAL UNIT**

## ***Range Management***

### **Accomplishments FY1993**

- Collected monitoring data on two allotments (see Table 7).

### **Accomplishments to September 30, 1993**

- Completed 1 formal allotment evaluation (see Table 5).
- Changed grazing system on Rye Valley allotment (1037) (see Table 2).
- Revised 1 allotment management plan (see Table 9).
- Created 1 new allotment from division of the Rye Valley allotment (1037) (see Table 1).

### **FY1994 Workload**

- Monitoring data will be gathered on three allotments (see Table 8).

## ***Lands Program Management***

### **Accomplishments for FY1993**

- Resolved 1 occupancy trespass.

### **Accomplishments to September 30, 1993**

- Issued 2 road use agreements.
- Granted 2 road rights-of-way.
- Resolved 27 occupancy trespasses.
- Resolved 2 litter trespasses.

### **FY1994 Workload**

- Resolve 1 right-of-way trespass.

## ***Minerals Management***

- At the end of FY1993, 46 notices, disturbance of 5 acres or less under the U.S. mining laws, remain open and are currently filed at the resource area office.

### **Accomplishments FY1993**

- Reviewed 10 notices.
- Closed 8 cases.
- Completed 56 compliance inspections.



## **Accomplishments to September 30, 1993**

- Reviewed 42 notices.
- Closed 61 cases.
- Completed 292 compliance inspections.

## ***Forest Management***

### **Accomplishments to September 30, 1993**

- Reforested 100 acres.

### **FY1994 Workload**

- Plant 150 acres.

## ***Recreation Management***

### **Accomplishments FY1993**

- Issued 3 big game outfitter permits for elk and deer.

### **Accomplishments to September 30, 1993**

- Issued 15 big game outfitter permits for elk and deer.

### **FY1994 Workload**

- Continue issuing big game outfitter permits.

## ***Noxious Weed Management***

### **FY1994 Workload**

- Spot treatment of small patches of knapweed and puncture vine.

## **UNIT 5. GRANDE RONDE GEOGRAPHICAL UNIT**

## ***Range Management***

### **Accomplishments to September 30, 1993**

- Evaluated all allotments with potential of having an adverse effect on salmon.
- Re-categorized 16 allotments from custodial (c) livestock management to improve (I) (see Table 10).
- Completed 2 biological evaluations.
- Completed fencing the critical portions of 4 lease areas.
- Established monitoring studies on all affected lease areas.

## **FY1994 Workload**

- Fence portions of three lease areas.
- Gather monitoring data.

## ***Wildlife and Fisheries Habitat Management***

### **Accomplishments FY1993**

- Implemented mitigation measures for biological evaluation.
- Constructed 6 fences along Grande Ronde to protect fish habitat.
- Established monitoring stations and projects to evaluate protective measures initiated along the Grande Ronde River on BLM land.

### **FY1994 Workload**

- Continue to monitor and implement the biological evaluation reports.
- Construct 3 fences along the Grande Ronde River to protect fish habitat.

## ***Lands Program Management***

### **Accomplishments for FY1993**

- Completed one land acquisition, adding 2,113 acres of public land to the Grande Ronde ACEC in Washington.

### **Accomplishments to September 30, 1993**

- Resolved 1 agricultural trespass.
- Resolved 1 occupancy trespass.
- Completed one land exchange, OR 47431, which acquired 477 acres of land along the Grande Ronde River within the Grande Ronde ACEC.
- Acquired 2,113 acres through the completion of 1 land acquisition.

### **FY1994 Workload**

- Complete one land exchange, OR 48500, which will acquire approximately 760 acres of land along the Grande Ronde River while disposing of 96 acres.
- Continue work on other land exchange cases.
- Resolve 1 right-of-way trespass.
- Grant 1 road right-of-way.

## *Soil, Water and Air Management*

### **Accomplishments to September 30, 1993**

- Established riparian and water quality studies on Wallupa Creek, Wildcat Creek and Mud Creek and riparian studies on 6 tracts along the Grande Ronde river.

## *Forest Management*

### **Accomplishments to September 30, 1993**

- Inventoried 2,500 acres for forest health restoration requirements.
- Initiated an investigation of unauthorized timber cutting and removal.

### **FY1994 Workload**

- Continue investigation of unauthorized logging.
- Continue forest health restoration planning.

## *Cultural Heritage Management*

### **Accomplishments FY1993**

- Inventoried 5,600 acres of 88 scattered land tracts in support of proposed Grande Ronde Land Exchange.
- Performed Class II inventory of 1,000 acres of acquired lands in Grande Ronde ACEC, Snake River National Register District.
- Monitored 14 sites in Snake River National Register District and on Grande Ronde River.

### **Accomplishments to September 30, 1993**

- 4 archeological sites monitored for condition change and unauthorized use.
- Completed preliminary reconnaissance of 487 acres on the Grande Ronde River.
- Inventoried 270 acres in support of land exchange proposals.
- Inventoried scattered tract lands in support of proposed Grande Ronde Land Exchange.
- Performed Class II inventory of 1000 acres of acquired lands in Grande Ronde ACEC, Snake River National Register District.
- Monitored 14 sites in Snake River National Register District and on Grande Ronde River.

*Cattle near McCain Springs*

## **FY1994 Workload**

- Complete inventory report for Grande Ronde Land Exchange.
- Patrol, surveillance, documentation, and rehabilitation of critical and National Register cultural resources.

## *Recreation Management*

### **Accomplishments FY1993**

- Issued and administered 19 commercial river permits.
- Utilized 2 ad hoc teams for developing a recreation management plan for the Wallowa and Grande Ronde rivers.
- Completed a final EA/Management Plan for the Wallowa and Grande Ronde rivers.
- Completed 7 seasons of operational management utilizing seasonal employees.
- Completed resource and campsite inventories for planning purposes.
- Established photo index for recreation monitoring of the river corridor.
- Maintained 224 primitive campsites plus 4 river access areas.

### **Accomplishments to September 30, 1993**

- Issued 94 commercial river permits.
- Maintained 224 primitive campsites plus 4 river access areas.
- Completed 7 seasons of operational management utilizing seasonal employees.
- Completed a final EA/Management Plan for the Wallowa and Grande Ronde rivers.
- Completed campsite inventory.
- Established photo index for recreation use monitoring.
- Issue 1 big game hunting permit.





## **FY1994 Workload**

- Continue issuing commercial permits.
- Publish final management plan.
- Continue river ranger program.
- Continue maintenance of 224 campsites and 4 staging areas.
- Issue 1 big game hunting permit.

## ***Areas of Critical Environmental Concern (ACECs) Management***

### **Accomplishments for FY1993**

- Acquired 2,113 acres in Grande Ronde ACEC in Washington at the following locations: Bear Creek in T6N, R47E, portions of sections 7, 8, 9 and 17 and Limepoint in T7N, R46E, portions of Lot 4 and T7N, R47E, all of sections 19, 20 and portions of sections 18, 29, and 30. A complete legal description of the lands newly acquired in the Grande Ronde ACEC is provided in Table 12.

### **Accomplishments to September 30, 1993**

- Conducted an inventory of the Grande Ronde River ACEC.
- Conducted inventory of Joseph Creek ACEC.
- Incorporation of the ACEC management needs into the Wild and Scenic River Management Plan.

## **FY1994 Workload**

- Begin development of a management plan for the newly acquired ACEC lands.

## ***Noxious Weed Management***

### **Accomplishments FY1993**

- Retreated 5 acres of scotch thistle and 5 acres of yellow starthistle.
- Sprayed 3 acres of diffuse knapweed and thistles

### **Accomplishments to September 30, 1993**

- Treated 5 acres of scotch thistle and another 5 acres of yellow starthistle
- Sprayed 3 acres of diffuse knapweed and thistles.
- Biological control of knapweed initiated along the majority of the Grande Ronde River corridor, both in Oregon and Washington, in cooperation with the Asotin County (WA) Noxious Weed Board and Oregon Department of Agriculture.

## **FY1994 Workload**

- Maintain previously treated areas.
- Known areas of spurge and knapweed along the Grande Ronde corridor will be treated. Other areas and species will be treated if discovered.
- Conduct a trial treatment on knapweed along the Grande Ronde in Asotin County as plants enter dormancy.

## ***Hazardous Materials Program***

### **Accomplishments FY1993**

- Level I Hazardous Materials Surveys completed on proposed Grande Ronde land exchange.

## **UNIT 6. HOMESTEAD GEOGRAPHICAL UNIT**

## ***Lands Program Management***

### **Accomplishments to September 30, 1993**

- Amended 1 water pipeline right-of-way.
- Resolved 2 occupancy trespasses.
- Issued 1 road use agreement.

## ***Recreation Management***

### **Accomplishments FY1993**

- Completed Wilderness Study Area interim management, monitoring, and plan report.
- Maintained 4 campsites on Hells Canyon Reservoir.
- Issued 3 big game outfitter permits for elk, deer and bear.

### **Accomplishments to September 30, 1993**

- Conducted IMP requirements for on 2 WSAs.
- Maintained 4 campsites on Hells Canyon Reservoir.
- Issued 15 big game outfitter permits for elk, deer and bear.

## **FY1994 Workload**

- Continue WSA monitoring.
- Continue issuing big game outfitter permits.
- Maintain 4 campsites on Hells Canyon Reservoir.

## ***Areas of Environmental Concern (ACECs) Management***

### **Accomplishments to September 30, 1993**

- Completed a draft Homestead ACEC management plan.

## **UNIT 7. PRITCHARD CREEK GEOGRAPHICAL UNIT**

### ***Range Management***

#### ***Accomplishments to September 30, 1993***

- Completed two range improvements in Pritchard Creek allotment (2074) (see Table 3).
- Gathered monitoring data for allotment 2074 (see Table 7).

#### ***FY1994 Workload***

- Complete an allotment evaluation on allotment 2074 (see Table 6).

### ***Riparian Management***

#### ***Accomplishments to September 30, 1993***

- Completed 1.5 miles of willow planting along Pritchard Creek.

#### ***FY1994 Workload***

- Provide input to evaluate allotment plan on Pritchard Creek.

### ***Soil, Water and Air Management***

- Completed 1.5 miles of willow planting on Pritchard Creek.
- Completed additional 1.0 miles of willow planting on Pritchard Creek.

## **UNIT 8. OREGON TRAIL GEOGRAPHICAL UNIT**

### ***Range Management***

#### ***Accomplishments to September 30, 1993***

- Issued 2 year cancellation notice for the grazing lease on Echo Meadows Oregon Trail site.
- Grazing lease cancelled.

### ***Lands Program Management***

#### ***Accomplishments to September 30, 1993***

- Granted 2 rights-of-way for electric transmission lines.
- Resolved 1 occupancy trespass.

### ***Minerals Management***

- At the end of FY1993, 2 notices, disturbance of 5 acres or less under the U.S. mining laws, remain open and are currently filed at the resource area office.

#### ***Accomplishments FY1993***

- Completed 1 compliance inspection.

#### ***Accomplishments to September 30, 1993***

- Reviewed 1 notice and assessed and authorized 1 plan of operation.
- Closed 2 cases, one of which was the plan of operation.
- Completed 16 compliance inspections.

### ***Cultural Heritage Management***

#### ***Accomplishments FY1993***

- Provided information and interpretation on the Oregon Trail during the 1993 Sesquicentennial.
- Completed Scope of Collections Statement for National Historic Oregon Trail Interpretive Center.

#### ***Accomplishments to September 30, 1993***

- Completed annual monitoring of 5 Oregon Trail sites.
- Completed mineral reports for 3 Oregon Trail withdrawals.
- Developed Oregon Trail Auto Tour brochure with DOGAMI and others.
- Placed Oregon Trail posts on the visible ruts and route of the Trail through Baker County on BLM land.
- Developed plan for interpretation of the Echo Meadows Oregon Trail ACEC.
- Rehabilitated disturbed lands on old highway material site at Echo Meadows..
- Developed an interpretive wayside on rehabilitated lands.
- Inventoried 320 acres for cultural resources.
- Provided information and interpretation on the Oregon Trail during the 1993 Sesquicentennial.
- Completed Scope of Collections Statement for National Historic Oregon Trail Interpretive Center.

#### ***FY1994 Workload***

- Hard surface existing footpaths at Echo Meadows ACEC.

### ***National Historic Oregon Trail Interpretive Center Complex***

#### ***Accomplishments to September 30, 1993***

- Well successfully drilled (85-100 gallons per minute).
- Route 86 alteration completed by Oregon Department of Transportation.



- Partial rehabilitation of the mine haul road and other intrusions.
- Completed acquisition of 58.7 acres.
- Mining easements and agreements signed.
- Trail Tenders, Inc. (volunteer support group) organized.
- Oregon Trail Preservation Trust (OTPT) incorporated.
- Mine buildings and artifacts acquired by Baker County.
- Marketing plan completed by McPhail & Associates.
- Marketing implemented: OTPT/Baker County secured \$42,000 grant from the Fred Meyer Foundation.
- BLM Project Manager hired.
- BLM Project Office opened in Baker City in August 1989.
- Architectural/Engineering contract awarded to the PORTICO group, Seattle, Washington.
- Data recovery field work completed for Flagstaff Hill.
- Design contract awarded 1990.
- Construction contract awarded 1991.
- Grand Opening May 1992.
- Welcomed 200,000th visitor December 1992.
- Welcomed 500,000th visitor September 1993.
- Presented 800 interpretive programs during FY1993.
- Received more than 20,000 hours of volunteer support during FY1993.

## ***Recreation Management***

### **Accomplishments FY1993**

- Maintained Echo Meadows.
- Completed a photo index for recreation monitoring of Echo Meadows.
- Completed final site plan for Echo Meadows.
- Completed construction of an interpretive site on rehabilitated land at Echo Meadows.

### **Accomplishments to September 30, 1993**

- Maintained Echo Meadows.
- Completed a photo index for recreation monitoring of Echo Meadows.
- Completed final site plan for Echo Meadows.
- Completed construction of an interpretive site on rehabilitated land at Echo Meadows.

### **FY1994 Workload**

- Maintain one recreation site.

## ***Areas of Critical Environmental Concern (ACECs) Management***

### **Accomplishments to September 30, 1993**

- Completed the Oregon Trail ACEC Management Plan. Began implementation of the Oregon Trail ACEC Management Plan.

## **UNIT 9. UNITY GEOGRAPHICAL UNIT**

### ***Areas of Critical Environmental Concern (ACECs) Management***

### **Accomplishments to September 30, 1993**

- Completed the draft Unity Reservoir Bald Eagle Nest Habitat ACEC management plan.

## **UNIT 10. SHEEP MOUNTAIN GEOGRAPHICAL UNIT**

### ***Wildlife and Fisheries Habitat Management***

### **Accomplishments to September 30, 1993**

- Transplanted 15 bighorn sheep near Sheep Mountain. Sheep numbers have expanded to 40+.

### ***Lands Program Management***

### **Accomplishments for FY1993**

- Granted 1 telephone line right-of-way.
- Resolved 1 occupancy trespass.

### **Accomplishments to September 30, 1993**

- Granted 1 telephone right-of-way.
- Resolved 2 occupancy trespass.

### ***Recreation Management***

### **Accomplishments FY1993**

- Conducted interim management monitoring on the Sheep Mountain Wilderness Study Area.
- Issued 3 big game outfitter permits for elk, deer and bear.

### **Accomplishments to September 30, 1993**

- Conducted interim management monitoring on the Sheep Mountain Wilderness Study Area.
- Issued 15 big game outfitter permits for elk, deer and bear.

### **FY1994 Workload**

- Continue IMP on the WSA.
- Continue issuing big game outfitter permits.

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## ***Areas of Critical Environmental Concern (ACECs) Management***

### ***Accomplishments to September 30, 1993***

- Completed the draft Sheep Mountain ACEC management plan.

## **UNIT 11. HUNT MOUNTAIN GEOGRAPHICAL UNIT**

### ***Lands Program Management***

#### ***Accomplishments to September 30, 1993***

- Granted 1 road right-of-way.
- Amended 1 road right-of-way.
- Resolved 1 right-of-way trespass.

### ***Minerals Management***

#### ***Accomplishments FY1993***

- Reviewed 1 notice.

### ***Forest Management***

#### ***Accomplishments to September 30, 1993***

- Portions of the Hunt Mountain Unit are included in a planning effort to maintain or restore health to forested tracts on the east face of the Elkhorn Mountains.

#### ***FY1994 Workload***

- Continue forest health restoration planning.

### ***Fire Management***

#### ***Accomplishments FY1993***

- Completed 800 acres of fuel mapping.

#### ***Accomplishments to September 30, 1993***

- Completed 1,991 acres of fuel mapping and 506 acres of fire history research.

## ***Areas of Critical Environmental Concern (ACECs) Management***

### ***Accomplishments to September 30, 1993***

- Completed the draft Hunt Mountain ACEC management plan.

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## **UNIT 12. POWDER RIVER GEOGRAPHICAL UNIT**

### ***Range Management***

#### ***Accomplishments to September 30, 1993***

- Collected monitoring data on Allotment 2030 (see Table 7).

### ***Wildlife and Fisheries Habitat Management***

#### ***Accomplishments to September 30, 1993***

- Updated the draft Powder River Canyon Habitat Management Plan.

### ***Lands Program Management***

#### ***Accomplishments to September 30, 1993***

- Resolved 1 occupancy trespass.

### ***Soil, Water and Air Management***

#### ***Accomplishments to September 30, 1993***

- Completed 0.5 miles of willow plantings on Big Creek.

#### ***FY1994 Workload***

- Completed 4 rock gabions.

### ***Cultural Heritage Management***

#### ***Accomplishments to September 30, 1993***

- 500 acres in the Powder River ACEC/Wild and Scenic River were inventoried.
- One archeological site tested and determined eligible for the National Register of Historic Sites.

#### ***FY1994 Workload***

- Protect, monitor or stabilize National Register eligible archaeological sites. Implement protection for 35 BA 258.

### ***Recreation Management***

#### ***Accomplishments FY1993***

- Completed management plan.
- Completed a photo index for recreation monitoring.
- Maintained two recreation sites.



## Accomplishments to September 30, 1993

- Completed management plan for Powder River.
- Completed a photo index for recreation monitoring.
- Maintained two recreation sites.

## FY1994 Workload

- Publish management plan for Powder River.
- Continue maintenance of two recreation sites.

## *Areas of Critical Environmental Concern (ACECs) Management*

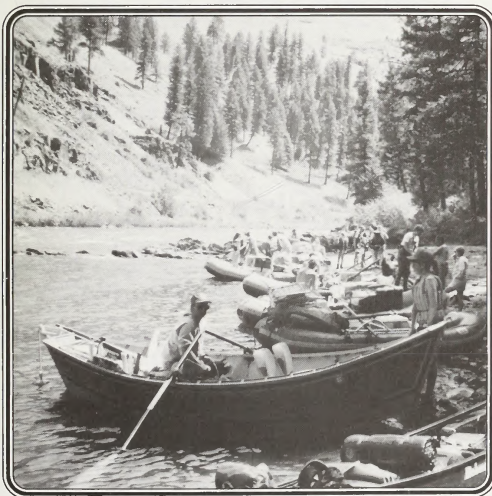
### Accomplishments to September 30, 1993

- Incorporate ACEC management needs into the Powder River Wild and Scenic River Management plan for lands that overlap.

## UNIT 13. BLUE MOUNTAIN GEOGRAPHICAL UNIT

### *Range Management*

- Evaluated all allotments with potential adverse effect on salmon.
- Re-categorized one allotment from Custodial (C) livestock management to Improve (I) (see Table 10).
- Completed 3 biological evaluations for grazing authorization.
- Established monitoring studies on all affected lease areas.



## FY1994 Workload

- Gather monitoring data.

## *Wildlife and Fisheries Habitat Management*

### Accomplishments FY1993

- Transplanted 18 Columbian sharp-tailed grouse within Wallowa County.

### Accomplishments to September 30, 1993

- Transplanted 33, 48 and 18 Columbian sharp-tailed grouse respectively between 1991 - 1993 in Wallowa County. Established self-sustaining population.

## FY1994 Workload

- Transplant 10-20 Columbian sharp-tailed grouse to establish population within Wallowa County.

## *Endangered and Threatened Species Management*

### Accomplishments to September 30, 1993

- Completed an extensive inventory for threatened and endangered plants on all BLM tracts considered for disposal through the proposed Grande Ronde land exchange.
- Evaluated 150+ tracts within the lower Grande Ronde River drainage for effect of livestock grazing on salmonid fish species.

## FY1994 Workload

- Continue to evaluate BLM land tracts for of livestock grazing on salmon population.
- Establish monitoring system for future desired condition objectives for salmon habitat. Collect data.
- Inventory 25 miles of anadromous fish habitat.

## *Lands Program Management*

### Accomplishments for FY1993

- Granted 1 road right-of-way.
- Amended 1 road right-of-way.
- Issued 1 road use agreement.
- Completed 1 road right-of-way assignment.
- Completed reports for 7 withdrawal review cases.

*Grande Ronde River put-in site.*

## **Accomplishments to September 30, 1993**

- Issued 2 agriculture permits.
- Renewed 1 agricultural permit.
- Amended 1 road right-of-way.
- Issued 1 road use agreement.
- Completed 1 road right-of-way assignment.
- Granted 6 road rights of way.
- Granted 1 water storage right-of-way.
- Granted 2 powerline rights of way.
- Granted 1 telephone line right-of-way.
- Resolved 7 agriculture trespasses.
- Resolved 2 stockpile trespasses.
- Resolved 6 rights of way trespasses.
- Resolved 3 occupancy trespasses.
- Resolved 1 enclosure trespass.
- Completed one land exchange, OR 47431, which transferred 955 acres into private ownership.
- Acquired 2 road easements to provide administrative access to 160 acres of public land in the Frazier Mountain area in support of the forestry program.
- Acquired 64.7 acres of land on the South Fork of the Walla Walla River to facilitate resource protection and management within the South Fork of the Walla Walla River ACEC
- Acquired 4 road easements to provide administrative access to 360 acres of public land in the Juniper Canyon and Frazier Mountain areas.
- Completed reports for 7 withdrawal review cases.

## **FY1994 Workload**

- Issue 1 agricultural permit.
- Renew 2 agricultural permits.
- Reserve 2 road rights-of-way.
- Complete one irrigation ditch documentation.
- Resolve 1 right-of-way trespass.
- Complete closure of the Hermiston landfill and terminate the lease
- Complete 1 land exchange to acquire 681.34 acres within South Fork of the Walla Walla River ACEC and approximately 3,200 acres along the Grande Ronde and Wallowa River. Public land on 88 scattered tracts in Wallowa and Union County would be transferred into private ownership. The exchange will achieve balance of resource values between the public and private lands.

## **Minerals Management**

- At the end of FY1993, there were no cases open.

## **Accomplishments to September 30, 1993**

- Closed 1 case.
- Completed 1 compliance inspection.

## ***Soil, Water and Air Management***

### **Accomplishments to September 30, 1993**

- Initiated riparian and water quality studies on upper Courtney Creek.

## ***Forest Management***

### **Accomplishments to September 30, 1993**

- Issued 20 firewood permits for 56 cords.
- Reforested 37 acres.
- Developed a plan for forest health restoration on 1,000 acres in the Ladd Canyon/Shaw Mountain area.
- Burned slash piles on 80 acres.
- Cruised timber for a proposed land exchange with Boise Cascade.

## **FY1994 Workload**

- Offer 4,000 Mbf of timber for sale in the implementation of forest health restoration projects.
- Begin implementation of restoration practices in the Ladd Canyon/Shaw Mountain and Frazier Mountain areas.
- Develop restoration plans for approximately 800 acres along the east face of the Elkhorn Mountains to restore forest health.
- Pile slash on 74 acres in the Ladd Canyon/Shaw Mountain area.
- Underburn 80 acres.

## ***Fire Management***

### **Accomplishments FY1993**

- Completed 160 acres of fuel mapping.
- Completed 80 acres prescribed burning.

### **Accomplishments to September 30, 1993**

- Completed 1,015 acres of fuel mapping and 425 acres of fire history research.
- 80 acres prescribed burning.

## ***Cultural Heritage Management***

### **Accomplishments FY1993**

- Inventoried scattered land tract in support of proposed Grande Ronde land exchange and Shaw Mountain/Ladd Canyon forest health project.
- Inventoried South Fork Walla Walla River recreation project for cultural resources.



## **Accomplishments to September 30, 1993**

- Completed inventory of 42 acres in support of project proposals and land use actions.
- Completed preliminary reconnaissance of 40 acres on the South Fork Walla Walla River.
- 350 acres inventoried and evaluated in support of land exchange.
- Initiated inventories on proposed land exchanges.
- Inventoried scattered land tract in support of proposed Grande Ronde land exchange and Shaw Mountain/Ladd Canyon project.
- Inventoried South Fork Walla Walla River recreation project for cultural resources.
- Inventoried and monitored in support of proposed range development projects, mining notice reviews, and communications rights of way.

## **FY1994 Workload**

- Complete inventory report for Grande Ronde land exchange.

## ***Recreation Management***

### **Accomplishments FY1993**

- Construct trailhead facilities to include parking, restrooms, signing, loading ramp, and trail maintenance.

## **Accomplishments to September 30, 1993**

- All public lands on the South Fork of the Walla Walla River ACEC are designated limited Off Road Vehicle Use restricting all vehicles to designated roads and trails. This limited vehicle closure is in effect yearlong. This designation has been in effect since 1980.
- Closed South Fork of the Walla Walla River to street, legal vehicles beyond first bridge.
- Installed information station, bridge hand rails, signs, and permanent gate/barricade.

## **FY1994 Workload**

- Maintain South Fork of the Walla Walla River Trailhead.

## ***Areas of Critical Environmental Concern (ACECs) Management***

### **Accomplishments to September 30, 1993**

- Amended the RMP to designate approximately 1,288 acres of public land along the South Fork of the Walla Walla River as an ACEC for riparian, fishery, and scenic values.
- Acquired 40 acres of land in the South Fork Walla Walla River ACEC.

## **FY1994 Workload**

- Complete proposed land exchange for acquisition of private in-holdings in South Fork Walla Walla ACEC.

## ***Noxious Weed Management***

### **Accomplishments FY1993**

- Knapweed, purple loosestrife, yellow starthistle, and skeleton weed were sprayed when these weeds were found during the course of cooperatively funded inventory work in and by Umatilla county.

## **Accomplishments to September 30, 1993**

- Conducted, in cooperation with Umatilla County, an inventory of noxious weeds as time and funding permits.
- Patches of knapweed, purple loosestrife, yellow starthistle, and skeleton weed were sprayed as these weeds were found.

## **FY1994 Workload**

- Continue cooperative agreement with Umatilla county.

## ***Hazardous Materials Program***

### **Accomplishments FY1993**

- Completed regulatory compliance audit on the Hermiston landfill.
- Level I and II Hazardous Materials Surveys completed on the proposed Grande Ronde land exchange.

## **Accomplishments to September 30, 1993**

- Completed regulatory compliance audit on the Hermiston landfill.
- Completed the Hermiston Landfill transfer or closure report.
- Level I Hazardous Materials Surveys were completed on the Grande Ronde land exchange.
- Level I and II Hazardous Materials Surveys were completed on the proposed Grande Ronde land exchange.

## **UNIT 14. BAKER COUNTY GEOGRAPHICAL UNIT**

## ***Range Management***

### **Accomplishments to September 30, 1993**

- Livestock management categories for 5 allotments were changed (See Table 10).
- Two new allotments were created from the division of the Snake River/Sisley Creek (1001) allotment. One new

allotment was created from division of the Table Mountain (1016) allotment. One new allotment was created from the division of North Flagstaff (2070). (See table 1).

- One allotment received an increase in grazing preference (See Table 1).
- Changed the grazing system in the new Morgan Creek (1068) and Sisley Creek (1069) allotments (see Table 2).
- Completed 6 range improvements (see Table 3).
- Nine formal allotment evaluations were completed (see Table 5).
- Four allotment management plans (AMPs) were revised (see Table 9).
- Accomplished 800 acres of prescribed burn on Jordan Creek.
- One allotment was reduced in size due to withdrawal for and construction of the National Historic Oregon Trail Interpretive Center at Flagstaff Hill (see Table 1).
- The grazing season for Lindsay Mtn. (5035) was changed (see Table 2).
- Two miles of new division fence was constructed in the Benson Creek allotment (1013) (see Table 3).
- 220 acres were seeded and 50 small rock check dams were constructed on drainages in the South Durbin Creek allotment (1011) to reduce erosion as part of the Durbin Creek Fire rehabilitation.
- Field monitoring data was gathered on 1 allotment (see Table 7).
- Two range improvement projects (pipelines) were completed, 2½ miles were constructed in North Flagstaff (allotment #2078) and 0.8 miles in south Flagstaff allotment (#2079) (see Table 3).
- Land exchange #OR4753 caused changes in acres and AUMs (see Tables 1 & 2).
- Implemented the 3rd and final phase of a grazing reduction in the Waterspout allotment (#0235.) These reductions were made in 3 phases over the last 5 years.

## FY1994 Workload

- Gather trend monitoring data in 7 allotments (see table 8).
- Nine formal Allotment Evaluations planned (see Table 6).

## Wildlife and Fisheries Habitat Management

### Accomplishments to September 30, 1993

- Planted 1.5 acres within Iron Mountain enclosure for upland game birds plot.
- Inventoried 25 miles of stream for resident fishery habitat.

## Threatened and Endangered Species Management

### Accomplishments to September 1993

- Continued cooperative study with the state of Oregon on 4 sets of paired plots looking at the effects of grazing on *Haplopappus radiatus*.
- Fenced 4 small sites to protect *Lupinus lepidus* var. *cusickii* from damage by ORV use and grazing in the Unity area.

## Riparian Management

### Accomplishments to September 30, 1993

- Completed 2.5 miles grass/forb/browse seeding and 4 miles of riparian shrub plantings along Sutton Creek.
- Completed 1 mile of willow planting along Ruckles Creek.

## Lands Program Management

### Accomplishments for FY1993

- Granted 3 telephone cable right-of-way.
- Amended 1 telephone cable right-of-way.
- Granted 1 right-of-way for a railroad expansion.
- Issued 2 road use agreements.
- Renewed 1 road use agreement.
- Resolved 1 occupancy trespass.
- Resolved 1 right-of-way trespass.
- Resolved litter trespass.
- Completed 1 land exchange which disposed of 640 acres and acquired 920 acres in this unit.
- Completed reports for 2 withdrawal review cases.

### Accomplishments to September 30, 1993

- Issued 3 road use agreement.
- Renewed 1 road use agreement.
- Issued 1 stockpile and 1 asphalt plant land use permit.
- Issued 1 recreation and public purpose lease for a shooting range.
- Granted 4 road rights-of-way.
- Granted 5 communication site rights-of-way.
- Granted 7 telephone cable rights-of-way.
- Amended 1 telephone cable right-of-way.
- Renewed 1 telephone cable right-of-way.
- Reserved 1 right-of-way for a remote automated weather station.
- Granted 1 right-of-way for railroad expansion.
- Resolved 4 stockpile trespasses.
- Resolved 2 agriculture trespass.
- Resolved 2 right of way trespass.
- Resolved 13 occupancy trespass.
- Resolved 3 litter trespasses.
- Resolved 1 apiary trespass.
- Resolved 1 asphalt plant trespass.



- Resolved 1 stock/feed yard trespass.
- Completed reports for 2 withdrawal review cases.
- Completed 1 land exchange which disposed of 640 acres and acquired 920 acres.

### **FY1994 Workload**

- Issue 1 road use agreement.
- Appropriate 1 Title 23 highway right-of-way.
- Grant 1 telephone cable right-of-way.
- Grant 2 communication site right-of-way.
- Amend 1 communication site right-of-way.
- Resolve 1 communication site trespass.
- Resolve 1 agricultural trespass.
- Complete closure of 2 landfills and terminate leases.
- Begin work on Lime Hill Communication Site Plan.
- Complete 1 land exchange disposing of 393.04 acres and acquiring about 216 acres.

### **Minerals Management**

- At the end of FY1993, 94 notices, disturbance of 5 acres or less under the U.S. mining laws, remain open and are currently filed at the resource area office.

### **Accomplishments FY1993**

- Reviewed 27 notices.
- Closed 7 cases.
- Completed 102 compliance inspections.
- Completed 1 free use permit from an existing pit.

### **Accomplishments to September 30, 1993**

- Reviewed 55 notices.
- Closed 65 cases and 1 plan of operations filed but never perfected.
- Completed 466 compliance inspections.
- Completed 2 mineral material sales, 1 small free use permit from an existing pit and 1 free use permit with a mining and reclamation plan.

### **Soil, Water and Air Management**

#### **Accomplishments to September 30, 1993**

- Completed 0.5 miles of erosion control on the Ruckles Creek enclosures.
- Completed 0.5 miles of erosion control on the Iron Mountain enclosure.
- Installed erosion control (hay bales and & logs) devices on 80 acres of Sutton Creek.
- Placed woody debris in 0.5 miles of Sutton Creek.
- Completed 12 acres of contour tree falling along Sutton Creek.
- Completed 0.25 miles grass/forb/browse seeding and 4 miles of riparian shrub planting along Sutton Creek.

- Completed 1 mile of willow planting on Ruckles Creek enclosure.
- Established riparian photo studies on East and West Sutton Creek.
- 11,000 deciduous trees and shrubs planted along East Fork of Sutton Creek.
- Willows planted along West Fork of Sutton Creek.
- Channel stabilization using discarded Christmas trees and large woody debris.

### **Forest Management**

#### **Accomplishments to September 30, 1993**

- Issued 40 firewood permits for 165 cords.
- Planted conifer seedlings on 1,356 acres.
- Completed fence construction around 2,000 acres to protect seedlings from livestock damage.
- Completed seedling stocking and survival surveys on 1,536 acres.
- Planned timber sales and forest health restoration on 2,000 acres.
- Pre-commercially thinned 30 acres.

### **FY1994 Workload**

- Interplant 250 acres with larch seedlings.
- Underburn 60 acres.
- Continue forest health restoration planning.

### **Fire Management**

#### **Accomplishments FY1993**

- Completed 2,560 acres fuel mapping and 600 acres of fire history research.

#### **Accomplishments to September 30, 1993**

- Completed 2,629 acres of fuel mapping and 669 acres of fire history research.
- 800 acre prescribed burn.

### **Cultural Heritage Management**

#### **Accomplishments FY1993**

- Inventoried and monitored in support of proposed range development projects, mining notice reviews, and communications rights of way.

### **Recreation Management**

#### **Accomplishments FY1993**

- Maintained 4 recreation sites along the 3 reservoirs.
- Maintained an additional 4 sites.

- Issued 1 mountain bike race permit.
- Issued 1 Oregon Trail ride permit.
- Completed draft Snake River/Mormon Basin Backcountry Byway Management Plan.
- Completed draft Snake River Reservoirs Management Plan.

### **Accomplishments to September 30, 1993**

- Completed planned improvements for the Spring Recreation site which included construction of a new access road, 2 parking areas, rest rooms, and a boat ramp. Installed floating docks.
- Maintained 4 recreation sites along the 3 reservoirs.
- Maintained an additional 4 recreation sites in the unit.
- Issued 3 motorcycle ORV permit, 6 mountain bike race permits, 3 cross country ski permits, 3 4X4 ORV race permits, and 1 Oregon Trail ride permit.
- Closed the west fork of Sutton Creek to all vehicles to protect resource values and reduce erosion.
- Completed draft of Snake River Three Reservoirs plan.
- Completed inventory and draft designation procedures on the Snake River/Mormon Basin Backcountry Byway.
- Completed draft Byway management plan.
- Completed final Byway designation document.

### **FY1994 Workload**

- Continue site maintenance of 5 recreation sites.
- Complete final Snake River Three Reservoirs Plan.
- Continue issuing recreation use permits.
- Complete management plan for the Snake River/Mormon Basin Backcountry Byway.

## ***Noxious Weed Management***

### **Accomplishments FY1993**

- Approximately 30 acres of knapweed control using herbicide were accomplished in the Virtue Flat area. The Baker RA administrative site was sprayed.

### **Accomplishments to September 30, 1993**

- Chemical control efforts initiated on spot infestations of knapweed and starthistle. Known acreages of knapweed has increased during this period by at least three times, due at least in part to the wet year of 1993.
- Approximately 30 acres of knapweed control using herbicide was accomplished in the Virtue Flat area. The Baker RA administrative site has also been sprayed annually.

### **FY1994 Workload**

- Continue control work on infestations of noxious weeds in the Crystal Palace and Virtue Flat areas.
- Continue biological control agent releases in cooperation with the Oregon Department of Agriculture.
- Continue inventory of noxious weeds throughout the area in cooperation with ODA.
- Initiate chemical control work on newly found infestations of spurge, knapweeds, yellow starthistle in the Virtue Flat area and on other weeds and in other areas if significant infestations are discovered.

## ***Hazardous Materials Program***

### **Accomplishments FY1993**

- Continued monitoring Minexco mill site.
- Completed unauthorized dump site surveys near Pleasant Valley and Richland.

### **Accomplishments to September 30, 1993**

- Completed regulatory compliance audits on the Halfway, Richland, and Unity landfills.
- Continued monitoring of the Minexco mill site.
- Level I Hazardous Materials Surveys were completed on the proposed Windswept Land and Livestock Co. and Byrne land exchanges.
- Completed unauthorized dump site surveys near Pleasant Valley and Richland.



# ERRATA SHEET

*The following corrections need to be incorporated into the Baker Resource Management Plan Record of Decision document dated July 1989.*

1. Page 3 - Footnote number 1: Footnote 1 should be changed to read as follows.  
  
"Baker Resource Area managed portion only. The balance of public land in the Vale District is managed by both the Malheur and Jordan Resource Areas."
2. Page 15 - Support Section: The Washington Department of Wildlife and Washington Department of Fisheries should be added to the agencies with which we will coordinate.
3. Page 57 - Management Action subsection: - Replace "Monitor fish habitat conditions and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Lookout Mountain Riparian Areas, Condition and Trend (page 56) and Lookout Mountain Fisheries (page 57) tables."
4. Page 61 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Monitor fish habitat condition and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Burnt River Riparian Areas - Condition and Trend (page 61) and Burnt River Fisheries (page 62) tables."
5. Page 66 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Monitor fish habitat condition and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Keating Riparian Areas - Condition and Trend (page 65) and Keating Fisheries (page 66) tables."
6. Page 71 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Monitor fishery habitat condition and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Pedro Mountain Riparian Areas - Condition and Trend (page 70) and Pedro Mountain Fisheries (page 71) tables."
7. Page 75 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Maintain fishery habitat condition and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Grande Ronde Riparian Areas - Condition and Trend (page 75) and Grande Ronde Fisheries (page 76) tables."
8. Page 83 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Monitor fishery habitat condition and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Pritchard Creek Riparian Areas - Condition and Trend (page 82) and Pritchard Creek Fisheries (page 83) tables."
9. Page 98 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Monitor fish habitat condition and trend on the following streams:" with "Monitor fish habitat conditions and trend on those streams depicted in the Powder River Canyon Riparian Areas - Condition and Trend (page 99) and Powder River Canyon Fisheries (page 99) tables."
10. Page 106 - WILDLIFE AND FISHERIES HABITAT section - Management Action subsection: - Replace "Inventory and monitor fisheries habitat condition and trend on the following streams:" with "Inventory and monitor fish habitat conditions and trend on those streams depicted in the Blue Mountain Riparian Areas - Condition and Trend (page 105) and Blue Mountain Fisheries (page 105) tables."
11. Page 106 - OFF ROAD VEHICLES section: The RMP inadvertently failed to state that the BLM lands on the South Fork of the Walla Walla River are designated limited Off Road Vehicle Use restricting all vehicles to existing roads and trails. This designation has been in effect since 1980. The following should be inserted between the OFF ROAD VEHICLES heading and the Resource Condition Objective subheading.  
  
"BLM lands on the South Fork of the Walla Walla River are designated limited Off Road Vehicle Use restricting all vehicles to designated roads and trails."





**Table 1 - Summary of New Allotments and Changes in Acres/AUMs by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	Category	Other Acres	BLM Acres	BLM AUMs	Comments
Lookout Mtn.	1001	Snake River/ Sisley Creek	I	2,790	23,037	4,693	Old - Split into 4 allotments
	1001	Snake River	I	2,444	10,953	915	New - Split out of the old Allot. 1001
	1070	Wells Basin	I	0	1,490	370	New - Split out of the old Allot. 1001
Keating	2032	Goose Creek	M	345	2,296	268	Old - Allot. #2049 was split out
	2048	Upper Clover Crk.	I	309	927	116	Increase of 80 BLM acres and 6 AUMs Due to Land Exchange OR 47543.
	2049	Lower Spring Creek	M	223	1,590	119	New - Split out of the old Allot. 2032
	2049	Upper Spring Crk.	M	123	1,158	78	Decrease of 432 BLM acres and 41 AUMs Due to Land Exchange OR 47543
Baker County Misc.	1002	Iron Mountain	I	157	4,809	876	AUMs increased by 100
	1016	Table Mountain	I	455	7,568	2,201	Old - Allotment 1071 split out
	1037	Rye Valley	I	117	1,429	263	Old - Allotment #1072 split out
	1068	Morgan Mountain	I	73	5,117	938	New - Split out of Allot. 1001
	1069	Sisley Creek	I	387	5,467	832	New- Split out of Allot. 1001
	1071	Homestead Meadows	C	800	110	11	New - Split out of Allot. 1016
	1072	Summit Spring	I	18	1,296	405	New - Split out of Allotment #1037
	2015	Magpie Peak	M	905	2,159	488	Allotment 2066 was added to this one
	2022	Ridley Cr.	C	16	78	10	Allotment canceled Public Lands sold
	2035	Waterspout	I	63	1,885	373	Reduced from 605 AUMs in 3 phases over 5 years. Third phase implemented in 1993.
	2050	Upper Ritter Crk.	M	3,167	3,000	525	Increase of 312 BLM acres and 26 AUMs Due to Land Exchange OR 47543
	2066	Baldock	C	786	39	8	Combined with Allotment 2015
	2070	North Flagstaff	M		1,357	175	Acres and AUMs reduced due to withdrawals for construction of National Historic Oregon Trail Interpretive Center at Flagstaff Hill
	2080	Flagstaff Gulch	C	750	65	6	New Allotment
	2097	Dry Creek	C	850	40	6	Name changed from Dry Gulch to Dry Creek
	5215	Denny Flat	I	1,070	7,289	421	190 Acres of private land was fenced out of allotment
	5215	Denny Flat	I	1,160	7,289	421	Public lands in allotment #5216 were added to allotment #5215
	5303	Lindsay Mtn.	I	148	936	137	300 acres of private lands were fenced out of allotment

**Table 2 - Summary of Changes in Grazing Systems by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category	Use Dates	Grazing System
Lookout Mountain	1001	Snake River/ Sisley Creek	I	04/27 to 11/30	Rest Rotation (old)
	1001	Snake River	I	05/01 to 11/07	Deferred Rotation (new)
	1070	Wells Basin	I	Late Summer Only	New
Burnt River	1003	Cave Creek	I		Change from spring/fall rotation grazing to 2 years of spring grazing followed by 2 years of fall grazing
Keating	2024	Table Rock	I	04/16 to 12/19	Deferred Rotation
	2049	Lower Spring Crk.	M	05/12 to 05/31	Spring-Seasonal with use period shortened and pastures reduced from 2 to 1 due to land exchange OR 47543.
Pedro Mountain	1037	Rye Valley	I		Change from spring/fall rotation grazing to 2 years of spring grazing followed by 2 years of fall grazing
Baker Co. Misc.	1013	Benson Creek	I	04/16 to 06/09	Spring-fall deferred rotation (new)
				09/16 to 11/18	
	1068	Morgan Mtn.	I	04/27 to 11/23	Rest Rotation (new)
	1069	Sisley Creek	I	04/27 to 11/30	Deferred Rotation (new)
	2050	Upper Ritter Crk.	M	04/26 to 05/18	Changed from Rest-Rotation to 2 years
				10/16 to 11/15	Spring use followed by 2 years of fall use for each pasture. Pastures reduced from 4 to 2 due to land exchange OR 47543.
	5305	Lindsay Mountain	I	04/16 to 06/15 09/01 to 10/31	Spring-fall deferred rotation

**Table 3 - Summary of Projects Completed FY1990 through FY1993 by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category	Units	Project Description
Lookout Mountain	1001	Snake River	I	1 each	Livestock Management Corrals
	1301	South Bridgeport	I	1 each	Spring Development
	1301	South Bridgeport	I	0.2 miles	Buck & Pole riparian enclosure
	1301	South Bridgeport	I	1.5 miles	Burnt River fence
	1302	North Bridgeport	I	2.0 miles	Dark Canyon temporary fence
Pritchard Creek	2074	Pritchard Creek	I	0.3 miles	Buck & Pole riparian enclosure
	2074	Pritchard Creek	I	0.3 miles	Two barbed wire enclosures
Baker Co. Misc.	1013	Benson Creek	I	1 each	Buck & Pole enclosure and spring dev.
	1013	Benson Creek	I	2 miles	Division Fence
	1015	East Table Mountain	I	2 each	Two spring developments
	1048	Nodine Creek	I	2 each	Two spring developments
	1069	Sisley Creek	I	800 acres	Prescribed burn
	2077	Ritter Creek	M	2 miles	Widman Fence
	2078	N. Flagstaff	M	2.5 miles	Pipeline with 1 storage tank and 6 stock tanks
	2079	S. Flagstaff	C	0.8 miles	Pipeline with storage tank and 1 stock tank
	5321	Auburn	C	1 each	Relocation of existing cattleguard
	5321	Auburn	C	0.5 miles	Sutton Creek fence
Keating	2024	Table Rock	I	4 each	Installed cattleguards
				2 each	New spring development
				2 each	Spring reconstruction
				4.1 miles	Three barbed wire fences



**Table 4 - Summary of Allotment Evaluations FY1990 through FY1993 by Geographic Unit**

Geographical Unit	Allotment Number	Allotment Name	BLM Category	Results
Burnt River	1003	Cave Creek	I	Change grazing system (refer to Table 1)
	1302	North Bridgeport	I	Adopted riparian objectives
	1301	South Bridgeport	I	Discontinued the 514 AUMs temporary non-renewable.
Keating	2024	Table Rock	I	Initiated a Coordinated Resource Management Plan (CRMP)
	2048	Upper Clover Creek	I	Change objective #1 from increasing composition to increasing frequency of key species.
				Plan to inventory, map and monitor invasion of noxious weeds and implement a weed control program in this allotment.
	2105	Love Individual	M	Granted a grazing preference increase from 317 AUMs to 400 AUMs
Baker Co. Misc.	1068	Morgan Mtn.	I	Continue new rest-rotation systems.
	1069	Sisley Creek	I	Continue present system.
	3022	Foster Gulch	I	Change grazing system to two fall treatments and one spring.
	3018	Road Gulch	I	No changes made.
	5303	Lindsay Mtn.	I	Eliminate July and August grazing (refer to Table 2)
	2020	Crews Creek	M	Changed from the "I" category to the "M" category
	2035	Waterspout	I	Changed from the "M" category to the "I" category. Also reduced active preference from 605 AUMs to 489 AUMs. Implemented the 3rd and final phase of grazing use reduction. Reductions were made in 3 phases over the last 5 years.
	2108	Keating Highway	M	Granted a grazing preference increase from 600 AUMs to 700 AUMs
	2121	East Pleasant Valley	M	No changes were made
Lookout Mtn.	1001	Snake River	I	Continue present system.
	1070	Wells Basin	I	Adjust period of use.
Pedro Mtn.	1318	Mormon Basin	I	Change season of use from 05/01 - 09/15 to 06/01 - 09/15 and establish riparian studies on South Dixie and Basin Creeks.

**Table 5 - Allotment Evaluations Completed in FY1993 by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category
Baker County Misc.	2035	Waterspout	I
Grande Ronde/Blue Mountain		All lease areas (allotments) lying within the watersheds that drain into the Snake River below the Hells Canyon Dam were evaluated as to the effect of grazing on the listed salmon species.	

**Table 6 - Allotment Evaluations To Be Completed in FY1994 by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category
Baker County Misc.	1002	Iron Mountain	I
	3001	Pine Valley	I
	3002	Immigrant Gulch	M
	3003	Ruth Gulch	M
	3012	Squaw Creek	I
	3014	Timber Canyon	I
	5201	Brannon Gulch	I
Pritchard Creek	2074	Pritchard Creek	M
Burnt River	1004	Durkee	I

**Table 7 - Allotments Where Field Data Was Gathered FY1993 by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category
Baker County Misc.	1048	Nodine Creek	I
Pedro Mountain	1021	Pedro Mountain	I
	1026	North Dixie Creek	I
Powder River Canyon	2030	Lower Powder	M
Keating	2032	Goose Creek	M
Lookout Mountain	3026	Soda Creek	I
Pritchard Creek	2074	Pritchard Creek	M

**Table 8 - Allotments Scheduled for Gathering of field Data in FY1994 by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category
Baker County Misc.	1009	Slaughterhouse Mountain	M
	1011	South Durbin Creek	I
	1013	Benson Creek	I
	1014	Freeway	M
	2034	Love Creek	M
	5209	Camper Creek	I
	5215	Denny Flat	I
Pedro Mountain	1020	Dixie Creek	I
	1023	Rattlesnake Gulch	I
	1024	Upper Shirttail Creek	M
Keating	2037	Balm Creek	I
	2040	Spring Creek	M
	2041	Lower Sawmill	M
	2085	West Clover Creek	M
Lookout Mountain	3026	Soda Creek	I



**Table 9 - Allotment Management Plans (AMPs) Revised FY1989 through FY1993 by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category
Burnt River	1003	Cave Creek	I
Keating	2024	Table Rock	I
	2032	Goose Creek	M
	2036	Table Mountain	M
Pedro Mountain	1037	Rye Valley	I
Baker County Misc.	1015	East Table Mountain	I
	2035	Waterspout	I
	2077	Ritter Creek	M
	2121	East Pleasant Valley	M

**Table 10 - Allotment Categorization Changes by Geographic Unit**

Geographic Unit	Allotment Number	Allotment Name	BLM Category	
			From	To
Baker County Misc.	2020	Crews Creek	I	M
	2035	Waterspout	M	I
	2099	Virtue Hills	I	M
	2108	Keating Highway	I	M
	1009	Slaughter House Mountain	I	M
Grande Ronde River	6578	McKenzie	C	I
	6518	Britton	C	I
	6542	Hemstreet	C	I
	6551	Henderson	C	I
	6557	Horton	C	I
	6536	4-0	C	I
	6583	Mallory	C	I
	6503	Bacon	C	I
	6510	Bazona	C	I
	6517	Botts	C	I
	6514	Boggan	C	I
	6594	Rocking/RT	C	I
	6507	Beach	C	I
	6544	Haberman	C	I
	6559	Jackman	C	I
	6575	Oregon Amish	C	I
Blue Mountain	6614	Gerber	C	I

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*Table 11 - Keating Riparian RNA/ACEC Withdrawal Description*

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Balm Creek - 74 acres

That portion of:

T.7 S., R.43 E., WM      T.8 S., R.,43 E., WM.  
Section 31: SE¼ Section 6: Lots 1 & 2  
S½NE¼;SE¼NW¼;NE¼NE¼SW¼;  
N½SE¼NE¼SW¼;NW¼SE¼

lying within 250 feet of the center of Balm Creek, containing 74 acres, more or less.

Sawmill Creek - 82 acres

That portion of:

T.8 S., R.43 E., WM.  
Section 1: N½SW¼;

lying within 500 feet of the center of Sawmill Creek, containing 39 acres, more or less.

That portion of:

T.8 S., R.43 E., WM.  
Section 1: W½SE¼;  
SE¼SE¼;  
Section 12: N½NE¼;  
N½S½NE¼

lying within 250 feet of the center of Sawmill Creek and Rattlesnake Creek, containing 43 acres, more or less.

Clover Creek - 28 acres

That portion of:

T.7 S., R.42 E., WM.  
Section 25: W½NW¼;

lying within 250 feet of the center of Clover Creek, containing 28 acres, more or less.

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**Table 12 - Case # OR47601; Grande Ronde TPL - Lime Hill**

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**T. 6 N., R. 47 E., W.M., Washington**

- Sec. 7: SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
8: S $\frac{1}{2}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$  and that portion of the NW $\frac{1}{4}$  and the W $\frac{1}{2}$ NE $\frac{1}{4}$  lying South and East of Shovel Creek;  
9: Lots 3 and 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
17: Lot 1.

**T. 7 N., R. 46 E., W.M. Washington**

- Sec. 13: Lot 4, SW $\frac{1}{4}$ SE $\frac{1}{4}$  and SE $\frac{1}{4}$ SW $\frac{1}{4}$ , EXCEPTING the described parcels:

All of Rogersburg First Addition according to plat recorded in Book D of Plats, Page 15, records of Asotin County, Washington.

All of Rogersburg Second Addition according to plat recorded in Book D of Plats, Page 19, records of Asotin County, Washington.

That portion of the SE $\frac{1}{4}$ SW $\frac{1}{4}$  and the SW $\frac{1}{4}$ SE $\frac{1}{4}$  lying on the left bank of the Grande Ronde River as deeded to the State of Washington, Department of Game, in Instrument Number 116248, records of Asotin County, Washington.

That portion of Lot 4, more particularly described as follows: Commencing at the Southeast corner of Section 13; thence North 42°05'58" West a distance of 1,467.0 feet to the True Place of Beginning; thence North 62°35'30" West a distance of 43.96 feet; thence North 24°46'53" East a distance of 31.84 feet; thence South 27°35'30" East a distance of 55.45 feet to the true place of beginning.

**T. 7 N., R. 47E., W.M., Washington**

- Sec. 18: Lots 1 and 2, EXCEPTING the following described parcels:

Rogersburg Second Addition according to plat recorded in Book D of Plats, Page 19, records of Asotin County, Washington.

That portion of Lot 1, more particularly described as follows: Beginning at the Southeast corner of Lot 7 of Rogersburg Second Addition, according to plat recorded in Book D of Plats, Page 19; thence North 16°28'15" East along the Easterly lot line of said Lot 7 a distance of 150.0 feet; thence North 02°31'45" West along said lot line a distance of 80.45 feet; thence South 54°38'24" East a distance of 80.52 feet; thence south 16°28'15" West a distance of 200.0 feet; thence North 73°31'45" West a distance of 50.0 feet to the place of beginning;

- 19: All;  
20: All;  
29: Lot 2, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
30: Lots 1-5, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ . Case # OR47601
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**Table 13 - Baker Resource Area Environmental Assessment Register for FY1994**

Area Register Number Status	Project Name Proposed	Action	Location	Affected Special Area	Est. FONSI Decision Date	Est. EA Completion Date
01	Leonard LUP	Agriculture Permit	T.5N., R.28E., Sec. 32 Umatilla Co.	None	Fall, 1994	Fall, 1994
02	Mud Creek Road	Road right-of-way	T.5N., R.43S. Sec. 20 Wallowa Co.	Grande Ronde ACEC, Wild & Scenic	Fall, 1994	Fall, 1994
03	Meacham Road	Road right-of-way	T.1N., R.35E., Sec. 13, 14, 23 Umatilla Co.	None	Summer, 1994	Summer, 1994
04	Grande Ronde Land Exchange (OR 48500)	Land Exchange	Wallowa Co. Union Co. Umatilla Co.	Wild & Scenic, ACEC	April, 1994	March, 1994
05	Freezeout Ridge	Forest Health Project	T. 4S., R. 28E., Sec. 1 T. 4S., R. 29E., Sec. 6	None	August, 1994	June, 1994
06	Ladd Canyon/ Shaw Mountain Forest Health Project	Timber Salvage, Thinning, Slash Piling, Prescribed Burning, Reforestation	T.5S., R.38E., Sec. 2, 3, 10, 11, 12, 14, & 15 Union Co.	None	June, 1994	May, 1994
07	East Face Forest Health Project	Timber Salvage, Thinning, Slash Piling, Prescribed Burning, Reforestation	T.7S., R.38E., Sec. 8, 30, 31 T.8S., R.38E.	None	August, 1994	June, 1994
08	Powder River	Management Plan	Baker Co.	Wild & Scenic River/ACEC	January, 1994	January, 1994
09	Davis Road	Construct Access Road	T.8S., R.42E., Sec. 15 Baker Co.	None	Fall, 1994	Fall, 1994
10	Jacobs Lease	Agriculture Lease	T.8S., R.42E., Sec. 24; T.8S., R.43E., Sec. 7, 18, 19 Baker Co.	None	Fall, 1994	Fall, 1994
11	Dead Cow Butte Quarry	Authorize free use permit for mineral material to Baker County from existing quarry	T.8S., R.47E., Sec. 19 Baker Co.	None	Spring, 1994	Spring, 1994
12	Byrne Land Exchange	Private Land Exchange	T.8S., R.42E., Sec. 34 & 35; T.9S., R. 42E., Sec. 1, 12, 24; T. 9S., R.44E. Sec. 4, 5, 9, 15 Baker Co.	None	Fall, 1994	Fall, 1994



Area Register Number Status	Project Name Proposed	Action	Location	Affected Special Area	Est. FONSI Decision Date	Est. EA Completion Date
13	Elks Creek	Prescribed Burn Fuel Reduction	T.9S., R.39E., Sec. 35	None	March, 1994	February, 1994
14	Elk Creek Juniper Thinning	Juniper Thinning	T. 10S., R. 39E., Sec. 1 & 2	None	August, 1994	August, 1994
15	Tallman's Proposal	Construct Pipeline	T.9S., R.41E., Sec. 27, 28, 33, 34, 35, 36 T.10S., R.41E., Sec. 1, 2, 4 Baker Co.	Oregon Trail ACEC	January, 1994	January, 1994
16	White Swan Pipeline	Construct Pipeline	T.9S., R.41E., Sec. 25, 26, 35, 36 Baker Co.	Oregon Trail ACEC	January, 1994	January, 1994
17	Hutton Reservoir	Reservoir Maintenance	T.9S., R.42E., Sec. 33	None	January, 1994	January, 1994
18	Snake River Quarry	Authorize free use permit for mineral material to Baker County from existing quarry	T.10S., R.46E., Sec. 8	None	Summer, 1994	Summer, 1994
19	M.C.J. Prescribed Burn	Juniper Reduction - Prescribed Burn	T.12S., R.44E., Sec. 12, Baker Co.	None	Summer, 1994	Summer, 1994
20	Bacon Power Line	Electric distribution line right-of-way	T.12S., R.45E., Sec. 11 Baker Co.	None	Spring, 1994	Spring, 1994
21	Road Gulch Fence	Fence	T. 12S., R. 43E., Sec. 32, 33	None	October, 1993	October, 1993
22	BSU Lime Hill Seismograph Station	Seismograph Telemetry Station	T.13S., R.45E. Sec. 18 Baker Co.	None	Spring, 1994	Spring, 1994
23	Three Reservoir Plan	Write Plan	Baker Co.	Sheep Mtn. & Homestead ACEC's	September, 1994	September, 1994
24	Frazier Moutnain Forest Health Project	Timber Salvage	T.5S., R.41E., Sec. 30, 32, 35 T.6S., R.41E., Sec. 5 Union Co.	None	October, 1993	September, 1993

# Appendix 1 - Status of Threatened or Endangered Plants in Baker Resource Area

Scientific Name	Common Name	Federal <sup>1/</sup> Status	State <sup>2/</sup> Status	BLM <sup>3/</sup> Status
ALLIUM BRANDEGEI	Brandegee's Onion			BA
ALLIUM CAMPANULATUM	Sierra Onion			BA
ALLIUM GEYERI GEYERI	Geyer's Onion			BA
ALLIUM LEMMONII	Lemmon's Onion			BT
ALLIUM MACRUM	Rock Onion			BT
ALLIUM MADIDUM	Swamp Onion			BT
ALLIUM ROBINSONII	Robinson's Onion			BA
ALLIUM TOLMIEI PLATYPHYLLUM	Flat-leaved Tolmie's Onion			BT
ALOINA BIFRONS	Moss			BA
ANEMONE MULTIFIDA TETONENSIS	Cliff Anemone			BT
ANTENNARIA AROMATICA	Aromatic Pussytoes	C2		
ARABIS CRUCISETOSA	Cross-haired Rockcress		S	BA
ARABIS DAVIDSONII	Davidson's Rockcress			BT
ARENARIA ROSSII ROSSII	Ross' Sandwort			BT
ARTEMISIA ARBUSCULA THERMOPOLA	Cleft-leaf Sagebrush			BT
ASCLEPIAS CRYPTOCERAS	Pallid Milkweed			BT
ASPLENIUM VIRIDE	Green Spleenwort			BA
ASTRAGALUS ARTHURI	Arthur's Milk-vetch		S	BA
ASTRAGALUS ATRATUS OWYHEENSIS	Owyhee Milk-vetch		C	BS
ASTRAGALUS COLLINUS LAURENTII	Laurence's Milk-vetch	C2	C	
ASTRAGALUS CUSICKII CUSICKII	Cusick's Milk-vetch		S	BA
ASTRAGALUS DIAPHANUS DIAPHANUS	Transparent Milkvetch			BT
ASTRAGALUS KENTROPHYTA DOUGLASII	Douglas' Milk-vetch	3A	C	BS
ASTRAGALUS ROBBINSII ALPINIFORMIS	Wallowa Milkvetch	3C		BT
ASTRAGALUS SALMONIS	Trout Creek Milkvetch			BT
ASTRAGALUS SCLEROCARPUS	Stalked-pod Milk-vetch			BT
ASTRAGALUS SUCCUMBENS	Columbia Milkvetch			BT
BALSAMORHIZA ROSEA	Rosy Balsamroot			BA
BETULA PAPYRIFERA COMMUTATA	Paper Birch			BA
BOLANDRA OREGANA	Oregon Bolandra		C	BS
BOTRYCHIUM ASCENDENS	Upward-lobed Moonwort	C2	C	
BOTRYCHIUM CAMPESTRE	Prairie Moonwort			BA
BOTRYCHIUM CRENULATUM	Crenulate Moonwort	C2	C	
BOTRYCHIUM LANCEOLATUM	Lance-leaved Grape-fern			BA
BOTRYCHIUM LUNARIA	Moonwort			BA
BOTRYCHIUM MINGEANENSE	Gray Moonwort			BA
BOTRYCHIUM MONTANUM	Mountain Grape-fern			BA
BOTRYCHIUM PARADOXUM	Twin-spike Moonwort	C2		
BOTRYCHIUM PEDUNCULOSUM	Stalked Moonwort	C2	C	
BOTRYCHIUM PINNATUM	Pinnate Grape-fern			BA
BRYOERYTHROPHYLLUM COLUMBIANAUM	Moss			BA
BUPLEURUM AMERICANUM	Bupleurum			BA



Scientific Name	Common Name	Federal <sup>1/</sup> Status	State <sup>2/</sup> Status	BLM <sup>3/</sup> Status
CALOCHORTUS MACROCARPUS MACULOSUS	Green-band Mariposa-lily			BT
CAMISSONIA PYGMAEA	Dwarf Evening-primrose			BS
CAMPANULA SCABRELLA	Rough Harebell			BT
CAREX ATRATA ATROSQUAMA	Blackened Sedge			BT
CAREX CONCINNA	Low Northern Sedge			BA
CAREX DIOICA GYNOCRATES	Yellow Bog Sedge			BA
CAREX ELEOCHARIS	Involute-leaved Sedge			BT
CAREX HAYDENIANA	Hayden's Sedge			BT
CAREX HYSTRICINA	Porcupine Sedge			BT
CAREX NARDINA	Spikenard Sedge			BT
CAREX NORVEGICA	Scandinavian Sedge			BA
CAREX NOVA	New Sedge			BA
CAREX PRAECEPTORUM	Teacher's Sedge			BT
CAREX RETRORSA	Retrorse Sedge			BT
CAREX SAXATILIS MAJOR	Russet Sedge			BT
CASTILLEJA FRATERNA	Fraternal Paintbrush	3C	C	BS
CASTILLEJA GLANDULIFERA	Grandular Paintbrush			BT
CASTILLEJA RUBIDA	Purple Alpine Paintbrush		C	BS
CAULANTHUS PILOSUS	Hairy Wild Cabbage			BT
CHEILANTHES FEEI	Fee's Lipfern			BA
CLAYTONIA UMBELLATA	Umbellate Spring-beauty			BT
CLEMATIS COLUMBIANA COLUMBIANA	Rock Clematis			BT
COLLOMIA MACROCALYX	Bristle-flowered Collomia	3C		BT
CORYDALIS CASEANA CUSICKII	Case's Corydalis			BT
CRYPTANTHA SPICULIFERA	Snake River Cryptantha			BT
CRYPTANTHA THOMPSONII	Thompson's Cryptantha			BT
CRYPTOGRAMMA STELLERI	Steller's Rock-brake			BA
CYPERUS BIPARTITUS	Shining Cyperus			BT
CYPERUS RIVULARIS	Shining Flatsedge		S	BA
CYPRIPEDIUM FASCICULATUM	Clustered Lady's-slipper		C	BS
CYPRIPEDIUM MONTANUM	Mountain Lady's-slipper			BT
DRABA LEMMONII	Wallowa Draba			BT
DRYAS DRUMMONDII	Yellow Mountain-avens			BT
DRYOPTERIS FILIX-MAS	Male Fern			BA
EPILOBIUM LATIFOLIUM	Broad-leaved Willow-herb			BT
ERIGERON DISPARIPILUS	White Cushion Erigeron			BT
ERIGERON ENGELMANNII DAVISII	Engelmann's Daisy		C	BS
ERIOGONUM OCHROCEPHALUM CALCAREUM	Ochre-flowered Buckwheat			BT
ERIOGONUM SCOPULORUM	Cliff Buckwheat	3C		BT
ERITRICHIMUM NANUM ELONGATUM	Pale Alpine Forget-me-not			BT
FRASERA ALBICAULIS IDAHOENSIS	Idaho Frasera			BT
GEUM ROSSII TURBINATUM	Slender-stemmed Avens			BA
HACKELIA PATENS PATENS	Spreading Stickseed			BT
HAPLOPAPPUS RADIATUS	Snake River Goldenweed		C1	LE

Scientific Name	Common Name	Federal <sup>1/</sup> Status	State <sup>2/</sup> Status	BLM <sup>3/</sup> Status
HEUCHERA GROSSULARIFOLIA GROSSULARIFOLIA	Gooseberry-leaved Alumroot			BT
HULSEA ALGIDA	Alpine Hulsea			BT
JUNCUS TORREYI	Torrey's Rush			BT
JUNCUS TRIGLUMIS ALBESCENS	Three-flowered Rush			BT
KOBRESIA BELLARDI	Bellard's Kobresia			BA
KOBRESIA SIMPLICIUSCULA	Simple Kobresia			BA
LEPTODACTYLON PUNGENS HAZELAE	Hazel's Prickly-phlox	C2	C	
LESQUERELLA DOUGLASII	Columbia Bladderpod			BT
LESQUERELLA KINGII DIVERSIFOLIA	King's Bladderpod			BT
LEWISIA COLUMBIANA WALLOWENSIS	Wallowa Lewisia			BT
LIPOCARPHA ARISTULATA	Aristulate Lipocarpa			BT
LIPOCARPHA OCCIDENTALIS	Western Lipocarpus			BT
LISTERA BOREALIS	Northern Twayblade			BA
LOMATIUM CUSICKII	Cusick's Lomatium			BT
LOMATIUM ERYTHROCARPUM	Red-fruited Lomatium	C1	C	
LOMATIUM GREENMANII	Greenman's Lomatium	C1	LT	
LOMATIUM PASTORALIS SP. NOV.	Meadow Lomatium			BT
LOMATIUM ROLLINSII	Rollins' Lomatium	3C		BT
LOMATIUM SERPENTINUM	Snake Canyon Desert-parsley		S	BA
LUPINUS BURKEI CAERULEOMONTANUS	Blue Mountain Lupine			BT
LUPINUS CUSICKII	Cusick's Lupine	C2	C	
LUPINUS SABINII	Sabine's Lupine			BT
LYCOPODIUM ANNOTINUM	Stiff Club-moss			BT
LYCOPODIUM COMPLANATUM	Ground Cedar			BA
MIMULUS CLIVICOLA	Bank Monkeyflower	C2	C	
MIMULUS HYMENOPHYLLUS	Membrane-leaved Monkeyflower	C2	C	
MIMULUS JUNGERMANNIOIDES	Hepatic Monkeyflower		C	BS
MIMULUS PATULUS	Stalked-leaved Monkeyflower	C2	C	
MIMULUS WASHINGTONENSIS WASHINGTONENSIS	Washington Monkeyflower	C2	C	
MINUARTIA AUSTROMONTANA	Southern Mountain Sandwort			BT
MIRABILIS MACFARLENII	MacFarlane's Four-o'clock		LE	LE
MYRIOPHYLLUM SIBIRICUM	Siberian Water-milfoil			BT
ORYZOPSIS HENDERSONII	Henderson's Ricegrass		C	BS
PEDIOCACTUS SIMPSONII ROBUSTIOR	Hedge-hog Cactus			BT
PELLAEA BRIDGESII	Bridges' Cliffbrake			BA
PENSTEMON DEUSTUS VARIABILIS	Variable Hot-rock Penstemon			BT
PENSTEMON SEORSUS	Short Lobed Penstemon			BT
PENSTEMON SPATULATUS	Wallowa Penstemon	3C		BT
PHACELIA MINUTISSIMA	Dwarf Phacelia		C	BS
PHLOX MULTIFLORA	Many-flowered Phlox			BA
PLATANThERA OBtusATA	Small Northern Bog-orchid			BA
PLATANThERA ORBICULATA	Round-leaved Bog-orchid			BA
PLEUROPOGON OREGONUS	Oregon Semaphoregrass	C1	LT	

Scientific Name	Common Name	Federal <sup>1/</sup> Status	State <sup>2/</sup> Status	BLM <sup>3/</sup> Status
POA SUKSDORFII	Suksdorf's Bluegrass			BT
POLEMONIUM VISCOSUM	Sky Pilot			BT
POLYSTICHUM KRUCKEBERGII	Kruckeberg's Holly Fern			BT
PREISSIA QUADRATA	Liverwort			BT
PRIMULA CUSICKIANA	Wallowa Primrose			BA
RANUNCULUS ORESTERUS	Blue Mtn. Buttercup			BT
RIBES CEREUM COLUBRINUM	Wax Currant			BT
RIBES OXYCANTHOIDESIRRIGUM	Inland Black Gooseberry			BT
RORIPPA COLUMBIAE	Columbia Cress	C2	C	
RUBUS BARTONIANUS	Bartonberry		C	BS
SALIX BRACHYCARPA	Short-fruited Willow			BT
SALIX DRUMMONDIANA	Drummond Willow			BT
SALIX FARRIAE	Farr's Willow			BA
SALIX WOLFII	Wolf's Willow			BT
SAXIFRAGA ADSCENDENS OREGONENSIS	Wedge-leaf Saxifrage			BA
SELAGINELLA WATSONII	Watson's Selaginella			BT
SENECIO DIMORPHOPHYLLUS	Payson's Groundsel			BA
SENECIO PORTERI	Porter's Butterweed			BA
SILENE SCAPOSA SCAPOSA	Scapose Catchfly	3C		BT
SILENE SPALDINGII	Spalding's Campion	C2	C	
THALICTRUM ALPINUM HEBETUM	Alpine Meadowrue			BA
THELYPODIUM HOWELLII SPECTABILIS	Howell's Spectacular Thelypody		C1	LE
TOWNSENDIA MONTANA	Mountain Townsendia			BA
TOWNSENDIA PARRYI	Parry's Townsendia			BA
TROLLIUS LAXUS ALBIFLORUS	American Globeflower			BA
VIOLA CANADENSIS RUGULOSA	Yellow-eyed Violet			BT

### Legend

#### Federal Status

LE - Listed Endangered  
 LT - Listed Threatened  
 C1 - Proposed for Listing  
 C2 - Candidate for possible listing  
 C3 - More widespread than originally thought  
 3A - Believed Extinct

#### BLM Status

BA - Bureau assessment species  
 BT - Bureau tracking species  
 BS - Bureau sensitive species

#### State Status

S - State sensitive species  
 C - State candidate species







UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
BAKER RESOURCE AREA

1550 Dewey  
P.O. Box 987  
Baker City, Oregon 97814

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